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THE

NEW BOTANIST'S GUIDE

TO

THE LOCALITIES

OF

THE RARER PLANTS OF BRITAIN.

BY

HEWETT COTTRELL WATSON.

VOL. II.

SCOTLAND AND ADJACENT ISLES.

LONDON:

PRINTED FOR

LONGMAN, ORME, BROWN, GREEN, AND LONGMANS,

PATERNOSTER-ROW.

1837.

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LONDON:
Printed by A. SPOTTISWOODE,
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Herbarium

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DIRECTIONS TO THE BINDER.

THE Binder is recommended to unite both volumes of the *New Botanist's Guide* under the same cover; the PREFACE being removed to Vol. I., where it will follow the DEDICATION. The NOTICE and CORRECTIONS, etc., given in the first volume, (pages v, vi, vii,) may then be altogether left out. The second title-page of this volume will form page 405 of the united volumes.

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PREFACE.

During the interval of nearly a year and a half since the publication of the first volume of the New Botanist's Guide, many additions and some corrections have been obtained, which are added as a Supplement in the second volume. While the published portion of the work has been thus improved, comparatively little advantage has accrued to the Scottish portion, forming the first part of the second volume; so few additions having been made to it, that it appears now almost the same as it might have done a year or two ago. This circumstance affords us a good illustration of the usefulness of collecting into a small focus the chief part of what is already known in regard to the localities of plants. Every botanist is able to add something to the general stock of knowledge, and many are desirous to do so; but few of them can know what is most worth communicating, on the score of novelty or otherwise, until some one has taken the trouble of drawing together the detached facts and fragments into groups sufficiently methodical for reference. The Editor of these volumes would certainly have preferred to see some other individual take up the task; but not finding any one disposed to do so, amongst those to whom the suggestion was made, and feeling much the want of such a book for his own use, he at

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length resolved to set about it as a private MS. Publication was ultimately decided on, as the best means of advancing this department of botany, in which the co-operation of many persons is so necessary for success. Even with the assistance which has been freely given by others, in communicating details of stations, the editorial labour has been very far from slight; and it is unavoidably of that dull plodding kind which is apt to be felt as a tedious task rather than a pleasurable occupation. He has, nevertheless, been somewhat encouraged and cheered in his labours, by the conviction that the work will afford assistance in investigations which may ultimately prove of very high importance, although such a result may not be apparent in our own day.

Several criticisms and suggestions having been offered by botanical friends, it is wished to make some explanations in reply to their comments, partly in farther explanation of the work, and partly as hints for any future writer on the same subject. It was explained, in the Introduction to the first volume, that *two* objects were kept in view in preparing the work. Of these, an endeavour to ascertain the mere distribution (or areas) of the species, by making a series of local lists from such data as were within reach, was the first and *most desired* one. The other use of the compilation, as a guide-book to the localities, was a second and *secondary* object, easily combined with the former, and lending considerable assistance to it. Several of my friends have regarded the work solely in this latter view, and thus have been unable to conceive wherefore the names of plants should be repeated in the lists for counties in which they are abundantly common; and also, why such vague localities as "Somerset," "Bristol," "Norfolk," &c. &c., should be mentioned. Though useless indications to mere collectors, such notices were intended to record the fact of the plants

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being found in the county or vicinity mentioned,—a fact which will be useful to any one investigating the distribution of the species. And since the work was designed to shew both the localities and areas of all species entitled to be called *rare*, with reference to Britain in general, it became necessary to mention them in all the counties within which I had ascertained them to grow, although they might be common in some particular county.

The name of *Botanist's Guide* was taken as a familiar and explanatory title, and as an admission of the general plan of the work being borrowed from Turner and Dillwyn's Guide. Indeed, it was on expressing a wish that a new edition of their Guide should be published, that the undertaking of a similar work was first suggested to me, although not then assented to. Yet the addition of "*New*" to the name of the work ought to have indicated that it was not designed to be simply a second edition of that published by Turner and Dillwyn; while the numerous additions, with some changes of plan, it is conceived, must fully make good my right to call it a different work. The list of contributors, and of works from which localities have been copied, pages 669—674., will shew at a glance how large a portion of the contents have been derived from other sources. Almost without exception, the whole of the second volume is additional, and in the first volume, fully three-fourths of the references are made to other works or authors. Again, Turner and Dillwyn seem to have had no settled plan or test as to which species were to be admitted, and which were to be excluded from their county lists. The selection of a certain set of species according to some fixed test, even though it may not be altogether unobjectionable, and then tracing them through the whole of Britain, appears to be a decided improvement, as making the negative evidence available to the botanical geographer. Another

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great difference is found in the exclusion of cryptogamic plants. To a few persons this will appear a defect; but if we bear in mind that scarcely one in six of our botanical collectors feel equally interested in cryptogamic plants as they do in the other kinds, unless it be for the ferns, the consequence of including the cryptogamic orders would have been felt in a great increase of price to the consumer, without due equivalent, or a great additional loss to the producer. In Turner and Dillwyn's Guide, the cryptogamic plants average nearly one in three, in the county lists, which must have added to the cost of their volumes in nearly the same proportion. In the present work, the omission of these plants, the small type, and the closer lines have enabled me to give probably six times the number of localities for the phanerogamic plants, in the same number of pages. The defect or omission can be remedied by any one who is anxious to have it done, and is willing to give so much time and trouble to it. I should be glad to see such a continuation of this Guide.

With regard to the line of distinction between *rare* and *common* plants.—No better test than the one adopted, has been suggested to me; and, indeed, no objection has been offered to the plan or principle followed. But some few friends have favoured me with remarks to the effect that certain species,—Habenaria viridis and Pinguicula vulgaris, for example, have been excluded, which are as well entitled to be called rare, as are others which have been admitted,—examples of which occur in Clematis Vitalba and Tamus communis. Amongst other species, these have been instanced; and a northern botanist will readily guess that such examples must have been given by one chiefly familiar with the plants of the southern half of England; the two latter not being indigenous in Scotland, where the two former are plentiful, although frequent

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enough in the south of England, where the others are rarities. Similar local differences will usually explain and answer the objections; nevertheless there is some ground for them. Between the least rare of the rarer plants, and the least common of the commoner plants, there can be only a shade of difference, and any adopted test will fail of extreme precision; but in cases where the rarity or commonness of a plant is thus in suspense, as it were, it becomes of small moment whether we admit it or reject it. The test adopted, that of the comparative frequency in the local Floras, is a substitution of the average observation of several good observers in different places, for the partial observation of the individual; which latter is really the sole test when any one person takes the result of his own observations or memory as the criterion. The local catalogues as yet published are not sufficient for complete precision, but as they keep increasing in number the test will become more exact; if, indeed, the present work does not now afford a better one, for all the plants enumerated in it. Of the excluded ones, perhaps, there are only two species which ought to have been admitted, namely, Inula Helenium and Potamogeton heterophyllus; the former rejected as occurring in ten out of twelve Floras used for the comparisons, and the latter having been accidentally omitted in transcribing the list of rarer plants, although falling within the prescribed limits of rarity. Some few other species might have been introduced without any impropriety, although there may not be much call for their admission; such, for instance, as Epilobium angustifolium, Arabis hirsuta, Cerastium aquaticum, and Avena pubescens; the last of which has been introduced into the Scottish lists, though inadvertently. But a test which excludes little above one-third of the whole number of British plants is more likely to admit too many than

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too few; and, accordingly, I fear the greatest defects are on this side. All the maritime plants of course come under the denomination of *rare*, in consequence of their almost total absence from the inland counties. The same occurs with some confused, doubtful, or misnamed species, though really found to be common when sought for. We have examples in Tragopogon major (identical with T. pratensis of British authors,) Veronica polita (confused with V. agrestis, and almost equally common,) Œnanthe apiifolia (identical with Œ. crocata,) and several willows and brambles. These are omitted in the Supplement. Callitriche pedunculata, Habenaria chlorantha, Carduus crispus, and others, are probably common, though overlooked, or not distinguished from nearly allied species or varieties.

It is also to be remembered, that a work of this kind is a compilation, chiefly composed of what has been said by others about the localities of plants; and that it must unavoidably include, in many instances, not only what *still is*, but also what *has been*, and even what has been only *supposed to be*. A copious source of error is implied in the last words in italics, and one that it is impossible wholly to keep clear from. I do not hold myself accountable for the mistakes of others, and the frequent use of the sign of doubt (?) will indicate that many errors have been presumed. Were my own share of the volumes clear of defects, I might feel surprised at the mistakes of others; but, unfortunately, this is by no means the case, although comparatively with the quantity of unconnected details, the errors of serious import are few. In transcribing from the manuscript notes of others, sometimes neither methodically arranged nor written in very legible characters, I have occasionally mistaken words, particularly proper names which have not been familiar. Again, when there are several places

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of the same name, unless an author or correspondent specifies which of such places is intended by him, there is great chance of error arising from misposition, and the consequent creation, (so to express it,) of a false station. Perhaps one half the places in Britain have names in common to at least two of them, and several names apply to as many dozens or scores of places. This circumstance has caused me, as well as other botanical writers, to misplace some habitats or stations; but about half a dozen of similar errors are so remarkable as to call for an explanation. They arose from writing down the localities, as procured, on separate slips of paper; and in afterwards arranging some thousands of these slips of paper, according to counties, a few clung together, or got misplaced by some other means, and six or eight were even printed without the false position being noted by myself until too late. The necessary corrections are made in the Supplement. Of course, this does not invalidate the stations, which will be correct in themselves, although copied on a wrong page of this work. It will also be observed that the same locality is occasionally given twice over, as taken from different authorities. This is done chiefly with the rarest species, where the two descriptions form a better guide in connexion, or mutually confirm each other. The object is usually so evident that I should not have deemed any explanation called for, had not four botanists severally told me that the different descriptions of the station for Cyperus fuscus (Page 102) were intended for one single place. In this instance, I was aware of the fact, but sometimes considerable doubt might be felt, and then the two descriptions would both be given. The plan of citing the specimens preserved in my Herbarium has also induced some repetition.

Independently of the smaller defects arising from errors of the pen or the press, a compilation like the

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present unavoidably contains errors of a more weighty kind, depending less upon the editor than upon others. In a science where so many individual objects and petty details have to be considered, none of its votaries, be they learners or learned, can avoid occasional inadvertencies; and in recording the localities of plants, there is the double chance of error, arising from a mistake either as to the plant itself or as to the place where it has been found. Few—perhaps none of our later botanists who have written a Flora, or published any extended list of stations, have wholly avoided such errors; and the farther we go back in date, the greater was the liability thereto. If once printed in a work of any authority, these inaccuracies are perpetuated by succeeding writers who copy them, and the mass of error goes on accumulating. The customary mode of continuing to repeat the first authority for a station, even one of a century or two in standing, must greatly tend to keep up these blemishes in botanical books. It is on such account that I have been induced to depart from the routine, and always to give the preference to a modern work or living botanist, especially the latter. If there is already another authority in print, the second becomes a confirmation; and in increasing our evidence of the fact in question, it becomes better worth printing than a literal repetition of what has been already made public. But in default of better or more recent authority, a large number of stations have been introduced into these volumes really on old or very doubtful authority;—a much greater number than should enter them had they now to be reprinted. Increased familiarity with the subject has led to the persuasion, that it is far better to lose some good facts, than to receive them when largely mingled with erroneous statements. In the first volume, regret was more than once expressed, that the circumstance of writing in the country, out of convenient

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reach of libraries of reference, had prevented the search through county histories, guide books, and other non-botanical works, for the localities of plants occasionally recorded in such publications. I must now, however, retract such expressions, and intimate an opinion that it is just as well to neglect non-botanical works, unless when the lists of plants contained in them have been drawn up by competent botanists, and from actual observation.

A friend remarked that there was something rather egotistical "in appearance, if not in reality," in the particular reference to specimens in my own herbarium. This may be so; yet the plan seemed desirable, because the "*sp.*" following the name of a person does not intend only that he had sent a specimen, but implies that a specimen in proof of the station is preserved in my Herbarium, and can be inspected in case of doubt. It will be observed that a large number of the localities recorded in these volumes are now confirmed by this visible testimony, which, on the death of the present possessor, can be given to some botanical or scientific society, as being an useful record and proof for our successors. Besides, were it merely a matter of entire indifference, those friends deserve a preference who have taken the trouble to procure and send the specimens; and much rather should it be given to them, when the correctness of the alleged facts thus becomes more surely certified.

It has been suggested that county lists relate to an inconvenient extent of surface, and that subdivisions into parishes, or even areas of smaller extent, would be preferable. This seems plausible; and could the suggestion be carried into effect, a work so constructed would prove extremely useful. Unfortunately, many difficulties would have to be encountered. For example, numerous indications of localities are made either to counties simply, or to the vicinities of particular towns or villages, so that a

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stranger (and one writing a Guide to Britain in general must be a stranger to a large portion of the country) cannot possibly tell in how many, or in which parishes, the plant in question is to be met with. Fully the half of our published localities would be found unavailable in any attempt to make a Guide on this plan. Supposing the loss of these general indications to be compensated by a large accession of accurately noted stations from new or renewed observation, a second very weighty objection arises, and one that would become more serious in proportion as the first mentioned difficulty was lessened. I allude to the great increase of bulk and cost, which would unavoidably attend such an increased number of local lists. We may find an instance of this in a book published since the first volume of the present work was issued, namely, Mr. Cooper's *Flora Metropolitana*, mentioned on page 586. It is really a Botanist's Guide, almost on the plan under consideration, and having no claim to be entitled a Flora. This work relates to an area about equal in extent to a single county of average size; lists of some of the plants, at a hundred and fifty different places within the area, being given. The price of the *Flora Metropolitana* is 4*s.* 6*d.*, and it cannot be called an overcharged book. The average cost of a county list, in the first volume of the present work, is below 2½*d.*; the list for Yorkshire, the largest of them, being only 8*d.* If the stations of the *Flora Metropolitana* had been printed in the same form, they would not have filled so many pages as this Yorkshire list, and therefore might have cost fewer pence. I do not make such comparisons with any wish to depreciate the work of Mr. Cooper, which I regard as a useful addition to the botanist's library, but solely with the view of shewing that the same kind of facts are here conveyed in a much cheaper and more portable form, — advantages which it is worth while to

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make some sacrifices for. A Botanist's Guide to the whole of Britain, on the same plan as the *Flora Metropolitana*, would have extended through twenty or thirty volumes such as that of Mr. Cooper, and at a cost of five guineas, instead of being published at one-sixth part of that price. I believe that lists for counties, or areas of larger extent, will give the best combination of usefulness and moderate cost; leaving to individuals the task of re-casting the general list into subordinate ones, for any particular counties in which they may feel especially interested. Some further remarks on the increase of cost connected with a more expanded form of description, may be seen on page 591. In books that are designed to be *useful to others*, the cost should be kept down as much as possible.

One gentleman wrote me that he had been much disappointed at finding so few localities indicated about the town in which he is a resident; but since neither this gentleman nor any one else, so far as is known to me, has ever published any list or localities of plants to be found in that part of the country, it was impossible that I could ascertain what plants were growing there; my abode being one or two hundred miles off, and the town having been seen by myself only two or three times, from the windows of a mail, in the night. Moreover, I must not pretend to inform botanists what plants they tread upon round their own houses. Surely they may be presumed to know this much better than a distant stranger can do; and if desirous of seeing the plants of their own neighbourhoods more fully mentioned, the localities of such might have been communicated to this work, or otherwise made public by themselves. The gentleman alluded to favoured me with a list of the plants which he had gathered within a distance of five or six miles from home. They amounted to 187, including the commonest kinds.

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It might have been supposed that a single day would have sufficed for procuring this number; and if, as a resident botanist, he had carried his own labours to this extent only, he should not have felt disappointed with the small success or efforts of others.

When the manuscript sheets of the first volume were on the point of going to the printer, two or three friends strongly urged the addition of the vascular, or ductulose, cryptogamic plants. In consequence of this advice, a note was introduced on page 5, expressing a wish to make such addition in an Appendix, which it was then anticipated would soon become requisite. The SUPPLEMENT, in the latter part of the second volume, supplies the intended Appendix; but on further reflection it was deemed advisable still to omit all the cryptogamic plants. Localities for such have not been sent to me in any thing like the same proportion as for the flowering plants; nor have I bestowed any proper attention upon them myself. Consequently, the lists would not be at all full; and though half a loaf is said to be better than no bread, I trust the half loaf, or more, may be soon supplied by another hand. Mr. Francis informs me that he is bringing out a small work devoted to these orders of plants, illustrated by figures, and which is intended to contain as full an enumeration of localities as he can ascertain. This intimation induced me to copy the greater part of the notes of localities which I had received up to the summer of 1836, and to send them for his use, instead of introducing them into the present work. At the time of writing this, the work of Mr. Francis is not published; but I have seen some of the figures, which are expressive, though small.

Thus far I have been writing a Preface in answer to the comments and suggestions of others, touching the

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contents of these two volumes only. Simultaneously with the first of these was published a second work, intimately connected with them, and which I had once intended to constitute a part of one single work, embracing the contents of all the three volumes, together with other matters not yet published. A reviewer in the Medical Gazette has recognised their connection, and termed the *New Botanist's Guide* "part and parcel" of the *Remarks on the Geographical Distribution of British Plants.* The connection will become more apparent when the other matters alluded to are published. Meantime, the 'Remarks' have been only imperfectly understood, probably because the work contains chiefly general and generalised facts, the ultimate bearings of which will not be discovered by persons who have paid little or no attention to the *relations* between vegetation and physical geography. A reviewer in the Athenæum (apparently rather at a loss what opinion to form respecting the 'Remarks,') resorted to the old-fashioned yet sensible enough "*cui bono,*" by asking what useful result is to ensue from such investigations into the distribution of plants, and seemed to pity the author's oversight in not explaining why such facts were put on record. Thus called on, I wish to devote a page or two to this subject, and know not any more appropriate place and opportunity than is here afforded. Readers may pass them over, if the subject appears irrelevant in their eyes. Certainly, we ought to keep an eye steadily to the value and probable usefulness of scientific enquiries; but if "*cui bono*" had been effectively thrust forward to press down every bud of science in its first rudimentary state, how could we ever have seen one single well-grown and fruit-bearing branch formed?

The ultimate tendency of botany, as of any other science worthy of cultivation, should be found in some

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beneficial results to the human race, equivalent to the cost of time and money expended on the pursuit. Unless some such results be in prospect, however distantly, it is difficult to conceive what adequate advantages are to be derived from our sedulous efforts to describe and give names to every peculiarity of structure, form and proportion in plants; from our voluminous collections of specimens, dried and living, including the productions of nearly every clime and country; from our intense (a psychologist might say, *monomaniacal*) devotion to the devising of systems and classifications; and from the great expense of time and money necessarily made in effecting all this. Unless there be some prospect of equivalent return, I repeat, some reasonable hope of thereby eventually adding much to the stock of power and enjoyment which mankind at present derives from the vegetable world, it will be the duty of political economists to stigmatise botanists as the unproductive consumers or supernumerary drones of society.

Now mere descriptions, mere classifications, mere invention of names, howsoever complete and ingenious, produce nothing to the human race. They only consume time and labour. And although such occupation may be an agreeable amusement to the parties personally concerned in it, yet, taken alone, it is as valueless to the world as would have been their occupation for an equal length of time at a card-table. We cannot make the earth yield us a greater quantity of food and clothing, through means of its vegetable productions, merely by knowing their names, resemblances and structure. After learning these things, (which I by no means undervalue, as a groundwork for something more,) we must still take other steps, by studying the relations existing between vegetables and the rest of creation. One set of these relations is found in the connections established between

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vegetation, on the one hand, and the physical conditions of its existence, on the other; that is to say, the influence of climate, soil, and the other external circumstances determining the vegetation of the globe, whether general or special. The more we come to understand these connections, the greater will be our power of modifying them for our benefit. But we must first carefully ascertain the facts, before we can rationally expect or hope to make them beneficial. Hitherto, almost all our applied knowledge on this subject has been purely empirical; having been left to farmers and gardeners, who have derived little assistance from technical botanists. Experiments and accidental observations, with some aid from chemistry and mechanical inventions, have enabled practical farmers greatly to augment and improve the vegetable produce of Britain: but it is hardly saying too much, to suggest that a scientific knowledge of the laws of vegetation, though it will be slowly acquired, must place a future race of cultivators as much above the present workmen, in skill and power, as the scientific chemist of to-day is superior to the cooks and the drug-venders, who were the chemists, empirically, centuries ago. The collecting and arranging of facts, such as appear likely to bear upon one department of a study which may become so important to mankind, has been my aim hitherto, as it has been the aim of others. No one has yet advanced a step beyond this preliminary labour, in so far as that one department is concerned; and no one can go beyond it at present. An attempt to do so, would be only a leap from twilight into utter darkness. My reviewer appears to have forgotten this, in his allusion to Humboldt. That philosopher only collected facts together, (chiefly those ascertained by others,) and made an imperfect generalisation of them. He could do no more than this, and most assuredly he "built" no "system;" for how

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can a system be built, before the constituent materials are half of them procured?

I should scarcely have felt disposed thus to put forward any immediate answer to the strictures in question, had it not been for a supposition that the reviewer's mask was here worn by one to whom the botanists of England are under weighty obligations; but who, on this occasion, was not the less stepping out of his own chosen and familiar road. The answer has been made, in reply to the question of usefulness, construing this in a moral or public sense; but if it were designed to have only an individual application, the reply must be put on the same ground, by reference to individual tastes. One class of minds derive their intellectual gratification from direct or simple observation almost exclusively; a second class of minds are more pleased by occupying themselves with the relations between objects or events. If plants become the objects of interest, the former minds describe and classify them; while the latter may feel little interest in descriptions and classifications, yet derive much pleasure from tracing the relations established between plants and animals, or between plants and their geographical positions. For one of these to object to the studies of the other, would be as sensible a proceeding as it would be for the historian to find fault with the moral philosopher, or for the anatomist to censure the physiologist, each because the other had a different taste and pursuit.

Should the preceding reply be deemed insufficient, I must further plead that others are guilty of a similar neglect of answering the "*cui bono*" by anticipation. Dr. Lindley's *Introduction to Botany* is divided into seven "Books." The sixth of these is devoted exclusively to the "Geography; or the Distribution of Plants upon the Surface of the Globe;" "Organography," and "Physiology," are the subjects treated of in the first and second

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Books; and it thus appears that the author has held the Geography of Plants to be a division or department of Botany equivalent to the other two very important departments just named. Yet Dr. Lindley does not explain why the subject is brought forward thus prominently, even in writing an "Introduction." In treating of it, he says, "I shall confine myself to an exposition of the positive facts which appear to have been hitherto distinctly ascertained." Now my "Remarks" might be exactly characterised by the sentence quoted. They differ from Dr. Lindley's sketch, in relating only to the plants of one country instead of to those of several scattered parts of the globe. They are also facts much more "distinctly ascertained" than are several of the statements copied into Dr. Lindley's work. And they are addressed to persons who are presumed to feel some interest in the subject, and who no more require to be told the use of such facts, than the practical botanist requires to have his "Synopsis of the British Flora" prefaced by a dissertation on the utility of knowing plants and their names. I may now request my reviewer to put his query to Dr. Lindley, and ask why the required information is not to be found in his "Introduction to Botany," where the subject occupies a position so prominent? And having thus shifted the burden to one of the pillars of botany, I shall be content to take refuge under the roof which that pillar may support.

Before concluding this lengthy Preface, I wish to offer a few suggestions for the consideration of any future writer on the topography of our native plants. Perhaps the arrangement into county lists might be advantageously changed in a future Botanist's Guide. The boundaries are often artificial and very irregular, and are otherwise inconvenient to botanical purposes. Local Floras or Catalogues are already pretty numerous, and they are

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increasing. A Guide might be advantageously made by adopting just so many divisions, or centres, as there are local lists published for; all intervening spaces being temporarily added to the district of the nearest Flora or Catalogue. A series of nearly complete local lists would be thus obtained, such as might be readily and usefully compared with each other; and the book would be made of more portable size, and could be sold at a smaller price, than one in which the lists were more numerous. This hint applies only to works whose plan is two-fold, like that of the present volumes. If designed to be used solely as guides for collectors, the completeness of the local lists is of little moment, and only such stations should be included as are explicitly described, and relating to the rarest plants: counties or still smaller divisions of the surface might then be taken. An useful pocket Guide might be made by selecting such localities from the lists in these volumes, with the addition of any other well-described stations. The price of such a work would not exceed four or five shillings, and being within the reach of many more persons, it might repay its expences. Should any botanist feel disposed to act on this suggestion, I shall be happy to give him more explicit information respecting any of the stations followed by my own initials.

As for local catalogues that are designed to include only lists of species, they could be printed for a few shillings, on either of the following plans; and in this condensed form they would be valuable contributions to such botanical periodicals as it is wished to make into works of regular reference, instead of being filled only with the fleeting intelligence of the day; *provided always*, as the lawyers write, the said lists were drawn up by competent persons, and with due care and knowledge. One method would be that of referring to the nearest

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local Flora or Catalogue published, and simply enumerating the species of each tract *wanting in the other*. In this way, we might print the equivalent of a county list on a single octavo page. Another method would be to have a list of three to five hundred of the commonest plants, as a general standard of reference; the local list in this case being shewn by naming all the other species found in the tract under consideration, and also specifying any of these common ones which might be wanting there. A county list need seldom exceed two or three pages on this plan. The species excluded from these volumes, on account of the frequency of their occurrence, amount to 556, and are shewn by two lists in my 'Geography of British Plants.' The names of these make up the bulk of most local lists, and the repetition of them might be avoided, by a simple reference to those lists, except for such of the plants as are absent, which would average about three dozen in a county.

Thames Ditton, Surry,
March, 1837.

NOTICE.

The first impression of this volume was completed in March 1837; and it was intended to be published on the 31st of that month. A few days before that date, the whole impression was destroyed by an accidental fire, on the premises of the printer. A reprint became necessary, and an opportunity appears to have been thus afforded for the introduction of many additions, supplied to the editor since the printing of the former impression commenced. Unfortunately, he had already made other

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engagements which have entirely prevented him giving up the time requisite to arrange the additional matter, and introduce it here. In consequence, the work appears as written in the autumn of 1836; the only choice being either a reprint without additions or the non-publication of the volume. A copy of proofs being in the editor's hands sufficient for his own use, he would have preferred not to reprint the volume; but a sense of obligation to the friends who have favoured him with so much of its contents, in the expectation of such being made public, renders it incumbent upon him to have the book published. The work of Mr. Francis, mentioned on page xvi, has been published, and by the numerous localities, indicated for the ferns and allied orders, will supply the omission of them in this Guide.

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LIII. ISLE OF MAN.

My information about the flora of this island, is derived chiefly from a list of species observed there by Mr. James Macnab, and a catalogue of the Manx flora politely sent to me by Mr. Edward Forbes. As the latter indicates also the comparative frequency of the species, and the soil or substratum on which they are found, this catalogue is referred to, in preference to Mr. Macnab's list. A small botanico-geologic chart, by Mr. Forbes, accompanied the list; and the island is thus described; — "The Isle of Man is thirty miles long, by about twelve at its broadest part. The greater portion of the island is composed of clay-slate which at the sea coast is overlapped by greywacke and transition slate. At the north of the island is a large tract, almost flat, of sandy marl, the central part of which is covered by peat bogs. Sandstone appears at Peel, and the peninsula of Langness is partly composed of sand. At Castletown the coast is formed of a bed of transition limestone, the only instance of that rock in the island. Beds of peat are interspersed amongst the clay-slate, presenting the same botanical characters with those on the sand. The greatest elevation to which the slate rises is Snaefell, which is 2007 feet above the level of the sea. The mountainous district generally presents elevations of from 1000 to 1600 feet, but is unproductive in botanical treasures. As my residence in the island, since I engaged in botanical pursuits, has been only in the months of September and October, and once in May, during the first two weeks, I have not been able to examine its productions in the way of *grasses*, *carices*, *orchideæ* and *willows*, and expect to find many rare summer plants there; yet I believe the list will present a tolerably correct idea of the distribution of the other phænogamous tribes in the island. There are several species, which are very common in most places, but which, as far as I can ascertain, we want altogether, such as Lamium album, Galium cruciatum, Veronica hederifolia, Alchemilla vulgaris, Geum urbanum, Linaria vulgaris, &c."

AUTHORITIES.

Forbes, cat. Mr. Forbes's Catalogue above mentioned.
Macnab, cat. Mr. Macnab's List above mentioned.
Contr. Winch's Contributions to the Flora of Cumberland. 1833.

Cakile *maritima*. On the clay-slate, scarce. *Forbes, cat.*
Crambe *maritima*. On the greywacke, rare. *Forbes, cat.*
(The locality is marked on the W. side of the island, almost opposite the S. Berule, on the map accompanying the catalogue.)

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LEPIDIUM *Smithii*. Isle of Man. *E. Forbes, sp.* (This is not marked in the catalogues of Mr. Forbes or Mr. Macnab, while L. campestre occurs in both of them. The specimen of this, as the specimens of other Manx plants mentioned to have been received from Mr. Forbes, came without any name attached. Hence, I cannot say whether this species, called L. Smithii by myself, is what that gentleman has considered L. campestre. Mr. Forbes' catalogue indicates the latter as growing on the sand or sandstone and clay-slate, very commonly. *H. W.*)

COCHLEARIA *officinalis*. On the greywacke and sand, common. *Forbes, cat.*

——— *grœnlandica*. On the greywacke, scarce. *Forbes, cat.* (I have a specimen of this genus, from Mr. Forbes, to which the name *C. danica* appears applicable, but I speak hesitatingly. *H. W.*)

† ERYSIMUM *cheiranthoides*. On the sand, rare. *Forbes, cat.*

BRASSICA *monensis*. On the sand, scarce. *Forbes, cat.* and *sp.* Between the landing-place at Ramsey and the town, plentifully. *Eng. Fl.* Near Peel and the point of Ayr. *Contr.* Douglass (Mr. T. Jowett.) *G. Howitt, sp.*

RESEDA *fruticulosa*. On she sand, scarce; on old walls, abundant. *Forbes, cat.* and *sp.* (On the map, localities are marked to the eastward of Castletown, and two-thirds of the distance from Peel towards Surly Point.)

VIOLA *lutea*. Isle of Man. *Macnab, cat.*

SAGINA *maritima*. On the sand, rare. *Forbes, cat.*

SPERGULA *subulata*. Man. (Mr. T. Jowett.) *G. Howitt, sp.* On the greywacke, rare. *Forbes, cat.*

ARENARIA *peploides*. On the sand, common. *Forbes, cat.*

——— *marina*. On the greywacke and limestone, very common. *Forbes, cat.* Man. (Mr. T. Jowett.) *G. Howitt, sp.*

CERASTIUM *tetrandrum*. On the sand, scarce. *Forbes, cat.*

——— *arvense*. On the sand, very rare. *Forbes, cat.* and *sp.*

LINUM *angustifolium*. On the greywacke, very rare. *Forbes, cat.* and *sp.*

RADIOLA *millegrana*. On the clay-slate and peat, common. *Forbes, cat.*

LAVATERA *arborea*. Isle of Man. *Macnab, cat.*

HYPERICUM *Androsæmum*. On the greywacke, clay-slate, and sand, common. *Forbes, cat.* Man. (Mr. T. Jowett.) *G. Howitt, sp.*

——— *elodes*. On the clay-slate and greywacke, common. *Forbes, cat.* and *sp.*

ERODIUM *maritimum*. On the greywacke and limestone, scarce. *Forbes, cat.* and *sp.*

ONONIS *spinosa*. Borders of peat, very rare. *Forbes, cat.*

VICIA *angustifolia*. On the sand, scarce. *Forbes, cat.* and *sp.*

——— *lathyroides*. On the sand, scarce. *Forbes, cat.*

MELILOTUS *leucantha*. On the clay-slate, very rare. *Forbes, cat.*

* PRUNUS *domestica*. On the clay-slate, very rare, but apparently quite wild, though rarely flowering. *Forbes, cat.*

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ROSA *spinosissima*. On the sand, clay-slate and greywacke, very common. *Forbes, cat.*
—— *tomentosa*. On the sand and clay-slate, very common. *Forbes, cat.*
RUBUS *carpinifolius*. On the clay-slate, very rare. *Forbes, cat.*
——— *Koehleri*. On the clay-slate and sand, very common. *Forbes, cat.*
——— *saxatilis*. On the clay-slate, very rare. *Forbes, cat.*
COMARUM *palustre*. On the peat and clay-slate, common. *Forbes, cat.*
SEDUM *anglicum*. Very common. *Forbes, cat.*
COTYLEDON *Umbilicus*. On the clay-slate, very common. *Forbes, cat.* Isle of Man. *W. Brand, sp.* (probably received from Mr. Forbes.)
RHODIOLA *rosea*. Isle of Man. *Macnab, cat.*
SAXIFRAGA *aizoides*. Isle of Man. *Macnab, cat.*
* CARUM *Carui*, Isle of Man, but not observed by myself. *Forbes, cat.*
——— *verticillatum*. Near Ramsey. *Contr.*
ŒNANTHE *pimpinelloides*. On the limestone, very rare. *Forbes, cat.*
CRITHMUM *maritimum*. On the greywacke, scarce. *Forbes, cat.* Isle of Man. (Mr. Forbes.) *W. Brand, sp.*
† FŒNICULUM *vulgare*. On the sand, rare and doubtfully indigenous. *Forbes, cat.*
† MYRRHIS *odorata*. On the clay-slate, scarce. *Forbes, cat.*
ONOPORDUM *Acanthium*. On the sand, very rare. *Forbes, cat.*
ARTEMISIA *maritima*. Isle of Man. *Macnab, cat.*
† GNAPHALIUM *margaritaceum*. On the sand, very rare and apparently wild. *Forbes, cat.* and *sp.* (On the map the locality is marked about midway between Ramsey and the Point of Ayr.)
PYRETHRUM *maritimum?* On the greywacke and limestone, common. *Forbes, cat.*
CAMPANULA *hederacea*. Isle of Man. (Mr. T. Jowett.) *G. Howitt, sp.*
CONVOLVULUS *Soldanella*. On the sand, very rare. *Forbes, cat.* and *sp.* (In the map, the locality is marked at a spot about two-thirds of the distance from Peel towards Surly Point.)
MYOSOTIS *cæspitosa*. Very common. *Forbes, cat.*
——— *collina*. On the sand, scarce. *Forbes, cat.*
LYCOPUS *europæus*. On the peat, common. *Forbes, cat.* and *sp.*
MENTHA *Pulegium*. On the peat, scarce. *Forbes, cat.* Isle of Man. (Mr. Forbes.) *W. Brand, sp.*
LAMIUM *incisum*. On the sand, common. *Forbes, cat.*
STACHYS *ambigua*. On the sand, scarce. *Forbes, cat.*
CALAMINTHA *Nepeta*. On the sand, very rare. *Forbes, cat.*
SCUTELLARIA *minor*. On the greywacke, rare. *Forbes, cat.* Man. (Mr. T. Jowett.) *G. Howitt, sp.*
PINGUICULA *lusitanica*. Isle of Man. (Mr. Forbes.) *W. Brand, sp.*
CENTUNCULUS *minimus*. Isle of Man. (Mr. T. Jowett.) *G. Howitt, sp.*
STATICE *Armeria*. On the greywacke and limestone, very common. *Forbes, cat.*
PLANTAGO *maritima*. On the greywacke and limestone, common. *Forbes, cat.*

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GLAUX *maritima*. On the sand and limestone, scarce. *Forbes, cat.*
SALSOLA *Kali*. On the sand, common. *Forbes, cat.*
CHENOPODIUM *murale*. On the sand, common. *Forbes, cat.*
BETA *maritima*. Isle of Man. (Mr. T. Jowett.) *G. Howitt, sp.*
EUPHORBIA *Paralias*. On the greywacke, very rare. *Forbes, cat.*
——— *portlandica*. Isle of Man. (Mr. T. Jowett.) *G. Howitt, sp.*
EMPETRUM *nigrum*. On the clay-slate, common. *Forbes, cat.*
SALIX *pentandra*. On the clay-slate, rare. *Forbes, cat.*
TRIGLOCHIN *maritimum*. Isle of Man. *Macnab, cat.*
LISTERA *cordata*. On Snafield. *Contr.*
SCILLA *verna*. On the greywacke, sand and limestone, common. *Forbes, cat.* and *sp.*
? ——— *autumnalis*. (This is mentioned as a Manx plant, in my Outlines of the Geographical Distribution of British Plants, on the authority of Mr. Macnab's Catalogue. The species intended, however, was *S. verna*, the mark being accidentally attached to the wrong name, in checking off a list.)
SCIRPUS *Savii*. Isle of Man. *Forbes, sp.*
ELEOCHARIS *acicularis*. On the clay-slate, common. *Forbes, cat.*
BLYSMUS *rufus*. Isle of Man. *Winch, mss.*
CAREX *arenaria*. On the sand, scarce. *Forbes, cat.*
——— *extensa*. Isle of Man. (Mr. T. Jowett.) *G. Howitt, sp.*
——— *Œderi*. On the clay-slate, common. *Forbes, cat.*
——— *stricta*? Isle of Man. *W. Brand, sp.*
PHLEUM *arenarium*. Isle of Man. *Forbes, sp.*
TRITICUM *loliaceum*. Isle of Man. *Forbes, sp.*

LIV. WIGTONSHIRE.

GLAUCIUM *luteum*. East side of the Mull of Galloway. *G. Macnab, mss.*
LEPIDIUM *Smithii*. Road-side near Newtown-Stewart. *G. Macnab, mss.*
CRAMBE *maritima*. At West Tarbet. *G. Macnab, mss.*
BRASSICA *monensis*. Sea shore, Ayr and Galloway. *J. H. Balfour, sp.*
RAPHANUS *maritimus*. Near Kirkmaiden, Galloway, *J. H. Balfour, sp.* Mull of Galloway, abundant. *G. Macnab, sp.* Beach, three miles from the Mull of Galloway. *Eng. Fl.*
HYPERICUM *Androsæmum*. Near Portpatrick. *J. H. Balfour, sp.*

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HYPERICUM *elodes*. Near Port Logan. *J. H. Balfour, sp.* Ditch by the road-side between Newtown-Stewart and Glenluce, about six miles from Glenluce. *Fl. Scot.*

ERODIUM *maritimum*. Northward of Port William. *Excurs.*

ULEX *nanus*. Loch Galdenock. *J. H. Balfour, sp.*

ONONIS *reclinata*. Near West Tarbet, Galloway. *J. H. Balfour, sp.* Among the debris at the foot of the cliffs overhanging the rocky shore on the W. side of the Mull of Galloway, undoubtedly wild. *Excurs.*

OXYTROPIS *uralensis*. Galloway. *J. H. Balfour, sp.* At West Tarbet. *G. Macnab, mss.*

SEDUM *rupestre*. Loch-Naw, Galloway. *J. H. Balfour, sp.* Banks of Loch-Naw. *Excurs.*

CRITHMUM *maritimum*. Near the Point of Mull, on the W. side. *G. Macnab, mss.* Kirkmaiden; between Mull and Kirkpatrick. *Fl. Scot.*

APIUM *graveolens*. Near the Mull of Galloway. *J. H. Balfour, sp.*

CARUM *verticillatum*. Near Wigton. *Excurs.*

HELOSCIADIUM *repens*? Galloway. *J. H. Balfour, sp.* (I should refer Dr. Balfour's specimen to H. nodiflorum. *H. W.*)

ŒNANTHE *peucedanifolia*? Mull of Galloway. *G. Macnab, sp.* Galloway. *J. H. Balfour, sp.* At West Tarbet. *G. Macnab, mss.* (Probably these localities, though differently worded, may all be one and the same. The specimens, both from Dr. Balfour and Dr. Gilbert Macnab, I should have referred to Œ. pimpinelloides, on account of the many-leaved involucrum. The same remark will apply to a specimen, received from Mr. G. N. Lloyd as Œ. peucedanifolia, and which was gathered in the south of Scotland, probably in Kirkcudbrightshire. With three authorities against me, I have not ventured to change the name, though marking the species as doubtful. *H. W.*)

FEDIA *dentata*. Galloway. *Excurs.*

LIMBARDA *crithmoides*. At West Tarbet, and near the Point of Mull, on the W. side. *G. Macnab, sp.* Mull-Head of Galloway, with Inula dysenterica. *Fl. Scot.*

ARTEMISIA *maritima*. In various places Eastward of Burrow Head, particularly near Cragleton Castle and at St. Mary's Isle. *Excurs.*

PYRETHRUM *maritimum*. Galloway. *J. H. Balfour, sp.*

ANDROMEDA *polifolia*. Wigtonshire. *Boué, Inaugural Dissertation.*

CONVOLVULUS *Soldanella*. Sea-shore, Galloway. *J. H. Balfour, sp.* E. side of the Mull of Galloway. *G. Macnab, mss.*

SOLANUM *nigrum*. Neighbourhood of Sandhead, and northward of Port William. *Excurs.*

BARTSIA *viscosa*. Between Port William and Glasserton. *Excurs.*

LYCOPUS *europæus*. Loch-Naw. *J. H. Balfour, sp.* Along the shores southward and eastward of Glenluce. *Excurs.*

STACHYS *ambigua*. Near Stranraer and Portpatrick. *J. H. Balfour, sp.*

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LAMIUM *intermedium*. Near Sandhead. *Excurs.*
PINGUICULA *lusitanica*. Galloway. *Winch. add.*
STATICE *spathulata*. Near the Mull of Galloway. *J. H. Balfour, sp.* Near the Point of Mull, on the W. side. *G. Macnab, mss.*
ATRIPLEX *portulacoides*. Mull of Galloway *J. H. Balfour, sp.*
POLYGONUM *maritimum*. South shore of Galloway, abundant. *Excurs.*
EUPHORBIA *portlandica*. Mull of Galloway. *J. H. Bulfour* and *G. Macnab, sps.*
SALIX *cotinifolia*. Road-side between Newtown-Stewart and Glenluce. *Fl. Scot.*
ALISMA *natans*. Black Loch, six miles from Stranraer. *Br. Fl.*
ORCHIS *pyramidalis*. E. side of the Mull of Galloway; near Portpatrick. *Excurs.*
HABENARIA *chlorantha*. Galloway. *Excurs.*
LISTERA *cordata*. Wigtonshire. *Boué, Inaugural, Dissertation.*
MALAXIS *paludosa*. Mull of Galloway. *Fl. Scot.*
JUNCUS *maritimus*. West Tarbet, Galloway. *J. H. Balfour, sp.* Many places on the coast. *Excurs.*
SCIRPUS *Savii*. East Tarbet, Galloway. *J. H. Balfour, sp.* Near Drummore, and other places on the south coast. *Excurs.*
? CLADIUM *Mariscus*. Galloway. *Br. Fl.* Doubtful. *Excurs.*
CAREX *extensa*. Mull of Galloway, pretty abundant; at West Tarbet. *G. Macnab, sp.* Damp spots in the steep bank overhanging the coast on the W. side of the Mull of Galloway. *Excurs.*
BROMUS *velutinus*. Near Sandhead. *Excurs.*
TRITICUM *loliaceum*. South shore of Galloway, from Drummore, eastward. *Excurs.*

LV. KIRKCUDBRIGHTSHIRE.

As both the present and preceding counties were included, in part at least, under the district of Galloway, I have been rather at a loss, in a few instances, to which county certain plants should be referred when "Galloway" has been indicated for them, without any more precise localisation.

THALICTRUM *majus*. } Banks of the Dee, Kirkcudbrightshire. *G. N.*
——— *minus*. } *Lloyd, mss.*
CRAMBE *maritima*. Coast of Balmae and Ross-hill. *G. N. Lloyd, mss.*

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DROSERA *anglica*. Kirkconnel Moss, six miles from Dumfries. *Fl. Scot.*

HYPERICUM *elodes*. Ditches on the road-side near Loch-Crie. *G. Macnab, sp.*

ALTHÆA *officinalis*. Near Arbigland, on the Solway Firth. *Fl. Scot.*

ULEX *nanus*. Galloway. *G. N. Lloyd, sp.*

* LATHYRUS *latifolius*. Woods near Kirkcudbright. *Fl. Scot.* Abundantly in the woods at St. Mary's Isle, introduced. *Excurs.*

RUBUS *saxatilis*. On rocks in the bed of the Dee, near Tongueland Bridge. *G. N. Lloyd, mss.*

SANGUISORBA *officinalis*. Banks of the Nith at Kirkconnel*, Stewartry of Kirkcudbright. *Fl. Scot.*

ERYNGIUM *maritimum*. Brig-house Bay, Ross-hill. *G. N. Lloyd, mss.*

CRITHMUM *maritimum*. On rocks along the coast, from Balmae to Balcarry; also at Ross-hill. *G. N. Lloyd, mss.*

CARUM *verticillatum*. Marshy ground, Ross-hill. *G. N. Lloyd, mss.* Between Gatehouse and Kirkcudbright. *Excurs.*

MEUM *athamanticum*. Carsphairn. *G. Gordon, mss.*

HELOSCIADIUM *repens*. Watery places, coast of Balmae. *G. N. Lloyd, sp.*

ŒNANTHE *peucedanifolia*? Coast of Balmae, and marshy ground at Ross-hill. *G. N. Lloyd, mss.* (See the remarks to this and the preceding species, under WIGTONSHIRE.)

——— *pimpinelloides*. Kirkcudbrightshire. *G. Gordon, mss.*

GALIUM *boreale*. On rocks in the bed of the Dee, near the Fisherman's house. *G. N. Lloyd, mss.*

HIERACIUM *umbellatum*. Kirkcudbrightshire. *G. Gordon, mss.*

ARTEMISIA *maritima*. On the coast of Galloway, at St. Mary's Isle, with A. gallica. *Fl. Scot.* Near Cragleton Castle; and in various places eastward of Burrow Head. *Excurs.*

LIMBARDA *crithmoides*. Arbigland, in the county of Galloway. *Fl. Scot.*

SENECIO *viscosus*. Kirkcudbrightshire. *G. Gordon, mss.*

——— *saracenicus*. Between Castle-Douglas and near New Galloway. *Fl. Scot.*

? ANTHEMIS *maritima*. Coast of Balmae, and St. Mary's Isle. *G. N. Lloyd, mss.* (I fear this may prove to be only Pyrethrum maritimum. *H. W.*)

PYRETHRUM *maritimum*. Brig-house Bay, Galloway. *Fl. Scot.*

CENTAUREA *Jacea*. Between Parton and Crossmichael. *G. Gordon, mss.*

LOBELIA *Dortmanna*. Loch N. W. from New-Abbey. *G. Gordon, mss.*

ANDROMEDA *polifolia*. Kirkconnel Moss.* *Fl. Scot.*

CUSCUTA *Epithymum*. On furze-bushes, near Mollance. *Fl. Scot.*

* There are two places named Kirkconnel, on the river Nith, one near the mouth of the river, in Kirkcudbrightshire, the other near its head, in Dumfrieshire. I presume the former to have been intended, in the *Flora Scotica*.

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MELAMPYRUM *sylvaticum*. Banks of the Dee, near Queen Mary's Cave. *G. N. Lloyd, mss.*

STACHYS *ambigua*. Field, near the Balmae shore. *G. N. Lloyd, mss.*

STATICE *Limonium*. Coast of Galloway, near Kirkcudbright, common. *Fl. Scot.* St. Mary's Isle. *G. N. Lloyd, mss.*

SPARGANIUM *natans*. In a pond at Balmae. *G. N. Lloyd, mss.*

RUPPIA *maritima*. Kirkcudbright Loch. *G. N. Lloyd, mss.*

JUNCUS *obtusiflorus*. Marshy ground on Ross-hill, and on the coast of Balmae. *G. N. Lloyd, mss.*

BLYSMUS *rufus*. Solway Firth, Kirkcudbrightshire. *G. Gordon, mss.*

RHYNCOSPORA *alba*. Kirkconnel Moss. *G. N. Lloyd, mss.*

FESTUCA *rubra*. At Arbigland, in Galloway. *Eng. Fl.*

ROTTBOLLIA *incurvata*. Arbigland, in Galloway. *Fl. Scot.*

LVI. DUMFRIESSHIRE.

RANUNCULUS *Flammula* (var. reptans). By the edge of Castle Loch, Lochmaben. *G. N. Lloyd, mss.*

CORYDALIS *claviculata*. Ruthwell. *G. Gordon, mss.*

NASTURTIUM *sylvestre*. On the side of the Water of Ea, below Kirkmichael House. *Fl. Scot.*

BRASSICA *monensis*. Shores of the Solway Firth, abundant. *Fl. Scot.*

DROSERA *anglica*. Locher Moss. *G. N. Lloyd, mss.*

RHAMNUS *catharticus*. About Dumfries. *Fl. Scot.*

OROBUS *sylvaticus*. Sanquhar. *Fl. Scot.*

SANGUISORBA *officinalis*. Dumfriesshire. *W. Brand, sp.* Low moist meadows, near Dumfries. *Fl. Scot.*

RUBUS *suberectus*. Locher Moss. *G. N. Lloyd, mss.*

——— *macrophyllus*. About Dumfries, and on Sir William Jardine's estates. *G. N. Lloyd, mss.*

EPILOBIUM *alsinifolium*. Side of a rivulet on Hart-fell. *Fl. Scot.*

CARUM *verticillatum*. Nithsdale and Galloway, and in Annandale, particularly between the farm-house of Stark, in Ruthwell, and the bathing-place on the shore. *Fl. Scot.* Sanquhar. *Winch. add.*

CICUTA *virosa*. Castle Loch and Lochmaben. *G. N. Lloyd, mss.*

HIERACIUM *cerinthoides*. Dumfriesshire. *Bouë, Inaugural Dissertation.*

——— *paludosum*. Near Moffat. *Eng. Fl.*

——— *umbellatum*. Dumfriesshire. *G. Gordon, mss.*

SAUSSUREA *alpina*. Near Moffat; and in a deep gulley, at the foot of White Coom Edge, Annandale. *Fl. Scot.*

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† Doronicum *Pardalianches*. About Hoddam Castle, in Annandale. *Fl. Scot.*

Andromeda *polifolia*. Abundant on the Solway Moss. *Fl. Scot.* Locher Moss; and on Sir William Jardine's property. *G. N. Lloyd, mss.*

Cuscuta *europæa*. On flax about Dumfries. *G. N. Lloyd, mss.*

† Scrophularia *vernalis*. Hoddam Castle, Annandale. *Fl. Scot.*

Mentha *gentilis*. Banks of Moffat Water, below Carrifrew. *Fl. Scot.*

Galeopsis *versicolor*. Gretna Green. *Eng. Fl.*

Utricularia *minor*. Turf pits, east side of Black Loch, Kirkmichael. *Fl. Scot.*

Salix *purpurea*. Banks of the Esk, near Netherby. *Fl. Scot.*

—— *pentandra*. About Moffat. *Eng. Fl.*

—— *radicans*. Banks of the river Nith, towards Sanquhar. *Fl. Scot.*

—— *angustifolia*. Near Dumfries. *Br. Fl.* Banks of the Nith, twenty miles above Dumfries. *Fl. Scot.* (The latter locality is given for *S. arbuscula*; but whether the species so named in *Flora Scotica* be identical with *S. angustifolia* of the *British Flora*, I know not. It would appear to be so, from the opinion expressed by Sir William Hooker.)

—— *vaccinifolia*. Foot of Hart-fell, near Moffat. *Fl. Scot.*

Convallaria *multiflora*. About Jibber Castle, near Drumlanrig, in Nithsdale. *Fl. Scot.*

Rhyncospora *alba*. Solway Moss. *Winch. add.* Locher Moss. *G. N. Lloyd, mss.*

Scirpus *maritimus*. Locher. *G. Gordon, mss.*

Eleocharis *acicularis*. On the edge of Castle Loch, Lochmaben. *G. N. Lloyd, mss.*

Carex *lævigata*. Near Moffat. *Winch, sp.*

LVII. AYRSHIRE.

Thalictrum *majus*. Near Fenwickland. *Br. Fl.*

† Helleborus *viridis*. Woods near Ayr. (Herbarium of the late Mr. James Wilson.) *A. D. Maclagan, sp.* By the Doune. *Br. Fl.*

Cakile *maritima*. Ayrshire. *Jos. Hooker, sp.*

* Camelina *sativa*. Flax-fields. *J. Wilson, sp.*

Teesdalia *nudicaulis*. Links near Ayr. *Fl. Scot.*

Cardamine *impatiens*. Banks of the Doune. *Br. Fl.*

Dentaria *bulbifera*. Ayrshire. *J. Wilson, sp.*

Brassica *monensis*. Sea shore, Ayr and Galloway. *J. H. Balfour, sp.* Coast near the town of Ayr. *G. Macnab, mss.* Mouth of

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the Clyde, about Largs, and on the coast thence to Ayr; also opposite the shores of Bute and Arran. *Fl. Scot.*

RAPHANUS *maritimus*. Various parts of the coast of Ayrshire. *Fl. Scot.*

SAGINA *maritima*. Ayrshire. *Jos. Hooker, sp.*

RADIOLA *millegrana*. Prestwick Moor, near Ayr. *G. Macnab. sp.*

RHAMNUS *Frangula*. Cullum-wood, near Auchincruive. *Fl. Scot.*

ONONIS *spinosa*. About three miles S.E. of Ayr. (Mr. Goldie.) *James Macnab, sp.*

HIPPOCREPIS *comosa*. Dundonald Castle, near Ayr, upon ground of a chalky nature. *Fl. Scot.* (Is there any chalk near Ayr?)

TRIFOLIUM *ornithopodioides*. Low Green, Ayr. *J. H. Balfour, sp.* Coast about two miles from Ayr. *G. Macnab, sp.*

VICIA *angustifolia*. All along the coast. *Br. Fl.*

—— *lathyroides*. Coast between Ayr and Culzean. *G. Macnab, sp.* Along the coast about Largs. *Fl. Scot.*

—— *lutea*. Rocks, Dunure Castle, abundant. *Br. Fl.*

* ROSA *cinnamomea*. At Birkhill, Galston, apparently wild. *Br. Fl.*

DRYAS *octopetala*. Ayrshire. *Boué, Inaugural Dissertation.*

COTYLEDON *Umbilicus*. Common on rocks and old walls along the coast from Kelly to Largs. *Fl. Scot.* Coast between Dunure and Culzean. *G. Macnab, mss.*

ERYNGIUM *maritimum*. Ayrshire. *Jos. Hooker, sp.* Coast near the town of Ayr. *G. Macnab, mss.*

CRITHMUM *maritimum*. Culzean. *Br. Fl.*

SMYRNIUM *Olusatrum*. Near Culzean Castle. *Fl. Scot.*

SENECIO *saracenicus*. Ayrshire. *Jos. Hooker, sp.*

CONVOLVULUS *Soldanella*. Sandy hills between Troone and Irvine; near Ayr. *Fl. Scot.* Coast of Ayrshire. *W. Twynam, sp.*

LITHOSPERMUM *maritimum*. On the coast. *G. Macnab, sp.*

LINARIA *repens*. Rocks facing the sea, near Culzean, in the parish of Kirkoswald; also about four miles from that place. *Fl. Scot.*

MELAMPYRUM *sylvaticum*. Auchindraine woods, on the Doune; Craigs of Ness; &c. *Br. Fl.*

† SCROPHULARIA *vernalis*. Between Holmston and the river Ayr, *Br. Fl.*

VERONICA *hirsuta*. Dry heathy places in Carrick. *Br. Fl.*

SCUTELLARIA *minor*. Beith. *Fl. Scot.*

PINGUICULA *lusitanica*. Ayrshire. *Boué, Inaugural Dissertation.*

CENTUNCULUS *minimus*. Prestwick Moor, near Ayr. *G. Macnab, sp.*

PLANTAGO maritima (var. major). On the island of Cumrae, among rocks. *Br. Fl.*

CHENOPODIUM *maritimum*. Ayrshire. *Boué, Inaugural Dissertation.*

ATRIPLEX *laciniata*. Sea-shore of Ayrshire. *J. H. Balfour, sp.*

POLYGONUM *aviculare* (var. maritimum). Ayrshire. (Mr. S. Murray.) *J. Hooker, sp.*

RUMEX *aquaticus*. Moist places near Ayr. *Br. Fl.*

* EUPHORBIA *Lathyris*. Crawfurdland, near Kilmarnock. *Br. Fl.*

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HABENARIA *albida*. Plentiful among the heather, on the Carrick hills. *Patrick's Catalogue.*
CORALLORHIZA *innata*. Sandy places near the sea, by Irvine. *Br. Fl.*
IRIS *Pseudacorus* (var. citrina). Ayrshire. *Br. Fl.*
RUSCUS *aculeatus*. Skeldon Woods, near Ayr. *Br. Fl.*
ACORUS *Calamus*. Ayrshire. *J. Wilson, sp.*
LUZULA *Forsteri*. Banks of the Doune. *Br. Fl.*
JUNCUS *maritimus*. Ayrshire. *Br. Fl.*
CAREX *limosa*. Knockdon Loch, near Ayr. *G. Macnab, sp.*
——— *filiformis*. At the S. end of Ayr Links. *Eng. Fl.*
CALAMAGROSTIS *Epigejos*. Dalrymple Wood, Ayr. *Br. Fl.*
AMMOPHILA *arundinacea*. Ayrshire. *J. Hooker, sp.*
TRITICUM *junceum*. Ayrshire. *J. Hooker, sp.*
ELYMUS *arenarius*. Sea-coast, near Ayr. *Fl. Scot.* Common along the coast. *Anderson's Guide.*

LVIII. RENFREWSHIRE.

AUTHORITY.

Montgomery, cat. — A Catalogue of plants observed in Renfrewshire, by Mr. J. Montgomery. (Communicated by Mr. Joseph Hooker.)

TROLLIUS *europæus*. Cloak. *Montgomery, cat.*
CORYDALIS *claviculata*. Renfrewshire. *Mantgomery, cat.*
COCHLEARIA *officinalis*. Renfrewshire. *Montgomery, cat.*
DROSERA *longifolia*. In a marsh between Glasgow and Paisley. *Glot.*
SILENE *maritima*. Renfrewshire. *Montgomery, cat.*
STELLARIA *nemorum*. Taylor's Glen, Port Glasgow. *Montgomery, cat.*
ARENARIA *marina*. Renfrewshire. *Montgomery, cat.*
RADIOLA *millegrana*. Gouroch. *Montgomery, cat.*
HYPERICUM *Androsæmum*. Shore at Gouroch. *Montgomery, cat.*
GERANIUM *sylvaticum*. Renfrewshire. *Montgomery, cat.*
PRUNUS *Padus*. Cloak. *Montgomery, cat.* Banks of the Cart. *Glot.*
SPIRÆA *salicifolia*. Banks of Loden. *Montgomery, cat.*
RUBUS *suberectus*. Road-side between Govan and Renfrew. *Fl. Scot.*
COMARUM *palustre*. Renfrewshire. *Montgomery, cat.*
ROSA *tomentosa*. Renfrewshire. *Montgomery, cat.*
* ŒNOTHERA *biennis*. Corn-field in Lochwinnoch parish, naturalised. *Montgomery, cat.*
SEDUM *anglicum*. Renfrewshire. *Montgomery, cat.*
——— *villosum*. Lochwinnoch. *Montgomery, cat.*
RIBES *alpinum*. Castle Semple. *Montgomery, cat.*
† ——— *nigrum*. Renfrewshire. *Montgomery, cat.*
* SAXIFRAGA *umbrosa*. On the banks of the Cart, at Cartside. *Glot.*

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* SAXIFRAGA *hypnoides*. Renfrewshire. *Montgomery, cat.*
CHRYSOSPLENIUM *alternifolium*. Cloak. *Montgomery, cat.*
MEUM *atham anticum*. Lochwinnoch. *Montgomery, cat.*
CARUM *verticillatum*. About Greenock. *Fl. Scot.* Lochwinnoch. *Montgomery, cat.*
† MYRRHIS *odorata*. Renfrewshire. *Montgomery, cat.*
ŒNANTHE *pimpinelloides*. Near Greenock. *Fl. Scot.*
† VIBURNUM *Lantana*. Castle Semple. *Montgomery, cat.*
* LONICERA *Caprifolium*. Castle Semple. *Montgomery, cat.*
GALIUM *boreale*. Lochwinnoch. *Montgomery, cat.*
† VALERIANA *pyrenaica*. Cloak-burn, Lochwinnoch. *Montgomery, cat.*
HIERACIUM *sylvaticum*. Renfrewshire. *Montgomery, cat.*
——— *paludosum*. Renfrewshire. *Montgomery, cat.*
CNICUS *heterophyllus*. Cloak. *Montgomery, cat.*
GNAPHALIUM *dioicum*. Renfrewshire. *Montgomery, cat.*
SENECIO *viscosus*. Renfrewshire. *Montgomery, cat.*
† ——— *saracenicus*. Cloak. *Montgomery, cat.*
PYRETHRUM *maritimum*. Firth of Clyde. *Montgomery, cat.*
ASTER *Tripolium*. Firth of Clyde. *Montgomery, cat.*
ACHILLÆA *tomentosa*. On the hills in the neighbourhood of Paisley. *Glot.*
CAMPANULA *hederacea*. Near the shores of the Clyde, two or three hundred yards to the westward of Clough Lighthouse; abundant in the immediate neighbourhood of Greenock. *Fl. Scot.*
ANDROMEDA *polifolia*. Paisley moss. *Fl. Scot.*
LITHOSPERMUM *maritimum*. Renfrewshire. *Montgomery, cat.*
SYMPHYTUM *tuberosum*. Castle Semple. *Montgomery, cat.*
† ATROPA *Belladonna*. Lochwinnoch, perhaps naturalised. *Montgomery, cat.* On the banks of the Cart, near Cathcart Mill. *Glot.*
BARTSIA *viscosa*. Near Greenock and Gouroch. *Montgomery, cat.*
GALEOPSIS *versicolor*. Renfrewshire. *Montgomery, cat.*
LAMIUM *incisum*. Renfrewshire. *Montgomery, cat.*
STYCHIS *ambigua*. Renfrewshire. *Montgomery, cat.*
LYCOPUS *europæus*. Shores of Holy Loch; Kelly; &c. *Montgomery, cat.*
LATHRÆA *squamaria*. Cart-side near Glasgow; and about Cathcart Castle. *Fl. Scot.* Castle Semple woods. *Anderson's Guide to the Highlands.*
STATICE *Armeria*. Firth of Clyde. *Montgomery, cat.*
GLAUX *maritima*. Firth of Clyde. *Montgomery, cat.*
PLANTAGO *maritima*. Renfrewshire. *Montgomery, cat.*
EMPETRUM *nigrum*. Renfrewshire. *Montgomery, cat.*
† CARPINUS *Betulus*. Renfrewshire. *Montgomery, cat.*
SALIX *cinerea*. Renfrewshire. *Montgomery, cat.*
† PINUS *sylvestris*. Renfrewshire. *Montgomery, cat.*
SAGITTARIA *sagittifolia*. Paisley. *J. Hooker, sp.*
TRIGLOCHIN *maritimum*. Gouroch, Greenock, &c. *Montgomery, cat.*
HABENARIA *albida*. Lochwinnoch. *Montgomery, cat.*
LISTERA *cordata*. Misty Law. *Montgomery, cat.*

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* Galanthus *nivalis*. Castle Semple. *Montgomery, cat.*
† Convallaria *majalis*. Castle Semple. *Montgomery, cat.*
Acorus *Calamus*. Lochwinnoch; Castle Semple Loch. *Br. Fl.*
Zostera *marina*. Firth of Clyde. *Montgomery, cat.*
Eriophorum *vaginatum*. Renfrewshire. *Montgomery, cat.*
Eleocharis *acicularis*. Lochwinnoch. *Montgomery, cat.*
Poa *maritima*. Renfrewshire. *Montgomery, cat.*
Bromus *arvensis*. Renfrewshire. *Montgomery, cat.*

LIX. LANARKSHIRE.

The *Flora Glottiana* (Flora of the Clyde, or of Glasgow,) includes most of the plants of Lanarkshire, together with others occurring in the adjacent parts of the counties of Renfrew, Dumbarton and Stirling. The Indigenous Plants of Lanarkshire, a work more recently published, is a descriptive Flora of the county. I can give very few particular localities or stations, in addition to those indicated in the two works mentioned, but my Herbarium contains a large number of specimens from these counties, and the shores of the firth of Clyde; for which I am indebted to Mr. Joseph Hooker. Unfortunately, the method chosen by Mr. Hooker, for intimating the counties in which the specimens were gathered, (by means of a printed list and initial letters, without tickets to the specimens,) is so liable to inadvertences on the part of the sender, and misapprehension on the part of the receiver, that the chances are very great, for some of the specimens being referred to wrong counties. But we may safely trust that they have all been gathered in one or other of the four counties mentioned, or on the coasts of the firth of Clyde, as in Ayr, Argyle, or the adjacent islands; and, probably enough, in nineteen out of twenty specimens, the counties will be correctly indicated. This explanation is particularly made, because it may possibly happen that I name a specimen from a county, in which the species does not really exist.

AUTHORITY.

Lan. A Popular Description of the Indigenous Plants of Lanarkshire. Patrick. 1831.

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* Adonis *autumnalis*. Occasionally among corn. *Glot.*
Trollius *europæus*. Between the Lead and Avon, at Avon Mill; Avon, opposite Barncluith; Clyde, above Ross, at Bothwell and Daldowie; Glenhove New Monkland, &c. *Lan.* Pastures near Airdrie, abundantly; banks of the Clyde at Kenmuir. *Glot.*

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* ACONITUM *Napellus*. Not uncommon in wild places about Hamilton, and often far from houses or gardens; plantations below Hamilton bridge; burn-side near Gour's Linn Quarry; wild banks of the Avon, near Barncluith, abundant. *Lan.*

NUPHAR *pumila*. Lanarkshire. *J. Hooker, sp.* (Not mentioned by Patrick.)

TEESDALIA *nudicaulis*. Sandy fields at Tollcross, abundantly. *Glot.*

* IBERIS *amara*. Sands below Hamilton bridge, nearly opposite the termination of the plantation. *Lan.* No longer to be found in Lightfoot's station of "fields between Hamilton and Glasgow." *Glot.*

? LEPIDIUM *latifolium*. Once found on the rock on which Bothwell Castle is built. *Lan.*

——— *Smithii*. Near Blantyre Priory. *Lan.*

COCHLEARIA *officinalis*. Lanarkshire. *Jos. Hooker, sp.*

CAMELINA *sativa*. South side of Frankfield Loch, and in New Monkland. *Lan.*

CARDAMINE *amara*. By the great burn, Hamilton wood; by the Lead above Avon Mill; on the Clyde at Uddingston and Kenmuir, &c. *Lan.* Banks of the Kelvin near Gairbraid; banks of the Calder, a little above the bridge; glen near Castlemilk. *Glot.*

——— *impatiens*. Rocks on the banks of the river above the falls of the Clyde. *Lan.*

† HESPERIS *matronalis*. In the fields near Holytown, scarcely indigenous. *Glot.* In the plantation below Hamilton bridge. *Lan.*

VIOLA *lutea*. Middlefield Law, Avondale; Cathkin hills, &c. *Lan.*

SILENE *maritima*. Lanarkshire. *J. Hooker, sp.*

STELLARIA *nemorum*. Castlemilk; burn-side at Chanton-hall; Clyde below Hamilton bridge, very abundant. *Lan.*

ARENARIA *verna*. Dry gravelly places on the North bank of the Canal between Calder and Kirkintilloch. *Lan.*

RADIOLA *millegrana*. Lanarkshire. *J. Hooker, sp.* (Not mentioned by Patrick.)

HYPERICUM *dubium*. Woods at Skellyton and Stonebyres. *Lan.* In a wood two miles from Lanark, on the Hamilton road. *Glot.*

† GERANIUM *phæum*. Lanarkshire. *J. Hooker, sp.* Banks of the Clyde at Blantyre Priory. *Glot.* Within the ruins at Blantyre Priory. *Lan.*

——— *sylvaticum*. Banks of the Nethen; Clyde at Kenmuir; at Jerviston, abundant. *Lan.* Banks of the Calder, in a wood near the bridge, abundantly. *Glot.*

† IMPATIENS *Noli-me-tangere*. Abundantly in a wet glen at Castlemilk, perhaps escaped from gardens. *Glot.*

† OXALIS *corniculata*. Found as a weed clinging to the roots of other plants about Barncluith and Clauds-burn. *Lan.* On an old wall between the Avon and Barncluith. *Glot.* (I have a small specimen from Mr. Joseph Hooker, but do not feel quite satisfied as to its identity with O. corniculata.)

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* STAPHYLEA *pinnata*. Lanarkshire. *J. Hooker, sp.*

OROBUS *sylvaticus*. Woods at the falls of Clyde; at Cartlane Craigs, on the north side of the river. *Glot.*

ASTRAGALUS *glycyphyllus*. On the green before Chatelherault. *Lan.*

* MEDICAGO *sativa*. In meadows and pastures, occasionally. *Glot.*

PRUNUS *Padus*. Lanarkshire. *J. Hooker, sp.* Hamilton woods; banks of the Clyde, Kelvin, and Cart. *Glot.* Clyde above Cunningar; on the Calder between Crossbasket and Gilburnsynk, *Lan.*

* ——— *domestica*. Frequent in woods and hedges. *Lan.*

† SPIRÆA *salicifolia*. Lanarkshire. *J. Hooker, sp.* Banks at Cartlane Craigs; plantation beyond the Manse at Shotts. *Lan.*

RUBUS *saxatilis*. Top of a rock by the railway nearly opposite Cadzow Castle; among hazle bushes a little above Calder wood; Cleghorn wood; Bonnington, near Lanark. *Lan.*

——— *Chamæmorus*. Estate of Dalblair near Muirkirk; Cleghorn and Bonnington woods, with the former species. *Lan.*

† FRAGARIA *elatior*. On an old wall in the orchard at Jerviston. *Lan.*

* POTENTILLA *fruticosa*. Falls of the Clyde. *J. Hooker, sp.* (Planted there?)

COMARUM *palustre*. Lanarkshire. *J. Hooker, sp.* Deadwaters Ross. *Lan.*

† ROSA *villosa*. Woods at Crossbasket near Glasgow, scarcely wild. *Fl. Scot.* (Is the same species as the R. villosa of the British Flora intended here?)

PYRUS *communis*. On the banks of the Avon below Chatelherault. *Lan.*

——— *Aria*. Coach road near Chatelherault. *Lan.*

CIRCÆA *alpina*. On the great burn, Hamilton wood; at Mauchlanhole, Kilbride. *Lan.*

SEDUM *villosum*. Lanarkshire. *J. Hooker, sp.* Road-side near Hawksland, Lesmahagow; at Highflat and Rigfoot, Kilbride; road-side near Airdrie; on Mearns Muir, abundant. *Lan.* On the hills above Castlemilk and Cathkin. *Glot.*

RIBES *rubrum*. Avon banks opposite Barncluith, perfectly wild, and in woods and by sides of rivers. *Lan.*

——— *alpinum*. Woods at Cadzow Castle, near Hamilton. *Glot.* By the carriage way about Cadzow Castle, abundant. *Lan.*

——— *nigrum*. Clyde between Merryton and Cunningar, and in woods, occasionally. *Lan.*

* SAXIFRGA *Geum*. Lanarkshire. *J. Hooker, sp.*

* ——— *umbrosa*. Lanarkshire. *J. Hooker, sp.* In the woods at Bothwell, abundantly, probably introduced. *Glot.* By a rill above Dalziel Camp. *Lan.*

† ——— *oppositifolia*. In great abundance on the perpendicular rocks of the west side of the Clyde, above Corehouse, about 500 feet above the level of the sea, and half way between the two great Falls; and opposite a moss-house in the Bonnington pleasure-grounds, on the east-side of the river. *James Macnab, sp.*

CHRYSOSPLENIUM *alternifolium*. Lanarkshire. *J. Hooker, sp.* In

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the glen at Castlemilk; Beetle's burn, near Clyde Iron Works. *Glot.* At Cadzow Castle; on the Avon opposite Barncluith; Barncluith burn above the wooden bridge; Mauchlan-hole, Kilbride, &c. *Lan.*

MEUM *athamanticum.* Rare, near Plowland, Avondale. *Lan.* Kittochside and Cross-hill, in Kilbride; on Cathkin hills. *Glot.*

CICUTA *virosa.* Lanarkshire. *J. Hooker, sp.* About the sides of lochs, &c. not common. *Lan.*

† ANTHRISCUS *Cerefolium.* Rubbish about Barncluith. *Lan.* Found in this district of country in very great plenty. *Glot.*

† CARUM *Carui.* In the haugh at Dalbeth. *Glot.* Glenhove, Newmonkland, abundant. *Lan.*

† MYRRHIS *odorata.* Lanarkshire. *J. Hooker, sp.* About Hamilton, common; abundantly about Cathcart. *Glot.* Bank below the old house of Jerviston; by the wall, Brae Park, Silvertonhill; above the New Mill dam; burn-side near Whistleberry; below Chantonhall; Barncluith Green, &c. *Lan.*

† PEUCEDANUM *Ostruthium.* On an old wall at Langland House; and in waste ground near Jackton. *Glot.*

* PETROSELINUM *sativum.* Old walls and rocks at Bothwell Castle. *Lan.*

† CORIANDRUM *sativum.* Banks of the Canal, Possil, near Glasgow. *W. Christy, sp.*

VIBURNUM *Lantana.* Lanarkshire. *J. Hooker, sp.*

GALIUM *boreale.* Lanarkshire. *J. Hooker, sp.* On the Clyde opposite Ross; on the old dam at Dalziel Camp, abundant; Carmyle, &c. *Lan.* Banks of the Clyde, in many places. *Glot.*

† VALERIANA *pyrenaica.* Banks of the Calder at Daldowie and at Langside; banks of the Clyde above Hamilton. *Glot.* On the Avon at the Wood Yett; on the Calder at Woodhall. *Lan.*

* DIPSACUS *Fullonum.* On the Avon immediately above Barncluith; a few plants about Craignethan Castle. *Lan.*

? TRAGOPOGON *porrifolius.* In moist meadows, very rare. *Glot.* (This species is not mentioned by Patrick, nor does Hopkirk name either a locality or an authority for its existence near Glasgow.)

HIERACIUM *pulmonarium.* Abundantly in a field on the banks of the Calder, beside the bridge. *Glot.*

——— *sylvaticum.* Lanark, Lesmahagow, Strathavon, New Monkland. *Lan.*

——— *prenanthoides.* On the banks of the Clyde, near Westhorn. *Glot.*

——— *paludosum.* Lanarkshire. *J. Hooker, sp.* Abundant by waters and in wet rocky places; by Barncluith burn, &c. *Lan.*

CNICUS *heterophyllus.* At Daldowie. *Glot.*

ONOPORDUM *Acanthium.* Near the coach-house, Barncluith, &c. *Lan.*

GNAPHALIUM *dioicum.* Frequent on dry barren pastures; Hedgebank opposite the stone Magazine beyond Cleek-him-in-Toll, &c. *Lan.*

† SENECIO *viscosus.* At Rawhead, Kilbride. *Lan.*

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SENECIO *saracenicus*. Banks of the Clyde at Bothwell bridge. *R. Maughan, sp.* In an island in the Clyde, a little below Bothwell bridge, and on the Clyde below Hamilton bridge. *Lan.*

* DORONICUM *Pardalianches*. Fields and hedges about Hamilton, scarcely wild. *Glot.* A few plants by Barncluith burn at Castlehill. *Lan.*

LOBELIA *Dortmanna*. Lochs on the borders of Oldmonkland parish. *Lan.*

CAMPANULA *latifolia*. Lanarkshire. *J. Hooker, sp.* Banks of the Clyde at Daldowie and Kenmuir; woods at Crossbasket and Cambuslang. *Glot.* Near the hedge between Avon bridge and Rawhead farm-house; Hamilton wood, Jerviston, &c. *Lan.*

——— *Trachelium*. Lanarkshire. *J. Hooker, sp.*

——— *hederacea*. On the south bank of the Clyde, whence it has been conveyed with the turf to grass-walks in the garden of Sir Michael Shaw Stewart, of Ardgowan. *Br. Fl.* (Perhaps in Renfrewshire?)

VACCINIUM *Vitis-Idæa*. On the very edge of the precipice between Corhouse and Bonnington fall. *Lan.*

——— *Oxycoccos*. Lanarkshire. *J. Hooker, sp.* Moors in Kilbride, Shotts, and Avondale. *Lan.*

PYROLA *media*. Huggenfield Loch. *J. Hooker, sp.* Falls of the Clyde, in the situation mentioned by Lightfoot for the rotundifolia, "between the falls of Corra Linn and Bonnington;" in a plantation between Dalbeth House and the road, abundantly; woods at the Cartlane Craigs; in a small wood near Frankfield Loch. *Glot.*

——— *minor*. Lanarkshire. *J. Hooker, sp.* On the Clyde between the falls of Corra Linn and Bonnington; Hamilton wood, on the summit of a rock exactly opposite Silvertonhill, sparingly; wood behind the Gardener's Lodge at Bothwell Castle. *Lan.* (Patrick does not mention the media, and some of these localities may belong to that species.)

† POLEMONIUM *cæruleum*. On the Calder, below Cleland, growing with Inula Helenium, and on the banks of the Avon at Barncluith, abundant. *Lan.*

CUSCUTA *europæa*. On flax at Cameron New Monkland. *Lan.* (*C. Epithymum* is mentioned by Hopkirk, as growing on the stalks of flax about Hamilton and Woodhall. Probably the other species was intended.)

† ANCHUSA *sempervirens*. Craignethan Castle; rubbish at Woodhouse; behind the garden walk at Chatelherault; banks of the Avon opposite Cadzow Castle, very abundant. *Lan.* Banks of the Clyde above Hamilton; at Castlemilk. *Glot.*

? ——— *officinalis*. Said to have been found at Addington, eight miles from Glasgow. *Br. Fl.*

* PULMONARIA *officinalis*. Lanarkshire. *J. Hooker, sp.* On the banks of the Clyde about Dalbeth and Easter-hill, probably an outcast from a garden. *Glot.*

SYMPHYTUM *tuberosum*. Lanarkshire. *J. Hooker, sp.* Banks of the Clyde at Clyde Works, Daldowie, Bothwell, and Hamil-

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ton; banks of the Calder, abundantly. *Glot.* Banks at Bothwell Castle; burn-side at Grove Mount. *Lan.*

† SCROPHULARIA *vernalis.* Walls of Bothwell Castle. *Lan.*

VERONICA *polita.* Lanarkshire. *J. Hooker, sp.*

* ——— *Buxbaumii.* Near Glasgow. *Br. Fl.*

LYCOPUS *europæus.* Lanarkshire, and in several places near the Clyde. *J. Hooker, sp.* (Not mentioned by Patrick.)

† LEONURUS *Cardiaca.* About Craignethan Castle, and near Corhouse, Lesmahagow. *Lan.*

MENTHA *rubra.* On the Clyde below Ross wood. *Lan.*

LAMIUM *incisum.* Found occasionally near Glasgow. *Glot.* About Jerviston, abundant. *Lan.*

† ——— *maculatum.* Lanarkshire. *J. Hooker, sp.*

GALEOPSIS *versicolor.* Frequent. *Glot.*

SCUTELLARIA *minor.* Banks of the Clyde at Rosebank. *Fl. Scot.*

LATHRÆA *squamaria.* Cart-side near Glasgow, and about Cathcart Castle. *Fl. Scot.* (Perhaps not within the present county, since Patrick omits it.)

UTRICULARIA *intermedia?* In a marsh at Possil and Robroyston. *Fl. Scot.* (U. vulgaris of the *Flora Glottiana.*)

LYSIMACHIA *thyrsiflora.* Lanarkshire. *J. Hooker, sp.* Bay in the Forth and Clyde Canal, at Castle-Cary bridge, about sixteen miles from Hamilton. *Lan.* Canal-side near Possil. *Br. Fl.*

ANAGALLIS *cærulea.* Said to grow in the fields about Lanark. *Glot.*

CENTUNCULUS *minimus.* Marsh near Langside; in Kenmuir bog. *Glot.*

PLANTAGO *maritima.* Road-side at Gour's Brae-head, Avondale, and near the entry of the avenue into White-moss, Kilbride. *Lan.*

LITTORELLA *lacustris.* Lanarkshire. *J. Hooker, sp.* Edges of Frankfield, Huggenfield, Bardowie, and Bishop lochs. *Glot.* Lochs in Old Monkland, &c. *Lan.*

RUMEX *pulcher.* On an embankment of stones by the Avon, between Barncluith and Hamilton wood. *Lan.*

* EUPHORBIA *Lathyris.* In the garden at Barncluith, now become a troublesome weed. *Glot.*

EMPETRUM *nigrum.* Lanarkshire. *J. Hooker, sp.* Moors, Cathkin, Kilbride, and Crawford. *Lan.*

† CARPINUS *Betulus.* Lanarkshire. *J. Hooker, sp.*

* CASTANEA *vulgaris.* Abundant, especially about Hamilton. *Lan.*

BETULA *nana.* At Bertram, about a mile from Carnwath. *Glot.*

SALIX *pentandra.* Marsh near Kenmuir; banks of the Clyde at Dalbeth. *Glot.* Banks of the Clyde below Hamilton bridge. *Lan.*

——— *Helix.* Frequent on the banks of the Clyde, as at Cambusnethan, &c. *Lan.*

——— *Russeliana.* In plantations. *Lan.*

——— *vitellina.* Frequent on the banks of the Clyde. *Glot.* At Jerviston. *Lan.*

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SALIX *petiolaris*. Possil Marsh, north side of the canal. *Fl. Scot.*
—— *cinerea*. Banks of the Avon, above Barncluith, &c. *Lan.*
—— *aquatica*. Banks of the Clyde above Hamilton. *Glot.*
—— *bicolor*. Banks of the Clyde, a little above Glasgow. *Fl. Scot.*
* PINUS *sylvestris*. In the woods, Lanark. *Glot.* Cultivated for timber. *Lan.*
HABENARIA *albida*. In a hilly pasture above Castlemilk. *Glot.* By the water of Briech, south from Whitburn. *Lan.*
LISTERA *cordata*. Lanarkshire. *J. Hooker, sp.* Said to grow in Tinto. *Lan.*
* GALANTHUS *nivalis*. Lanarkshire. *J. Hooker, sp.* Plentifully on the banks about Castlemilk. *Lan.*
RUSCUS *aculeatus*. In the woods, Bothwell. *Glot.*
CONVALLARIA *majalis*. Bothwell. *J. Hooker, sp.* In the woods at the Falls of the Clyde. *Glot.* Waste places about Barncluith. *Lan.*
—————— *multiflora*. Lanarkshire. *J. Hooker, sp.* Woods at Bothwell. *Lan.*
* ORNITHOGALUM *umbellatum*. Border of a field at Barncluith; Mount at Chatelherault. *Lan.*
† ALLIUM *Schænoprasum*. Occasionally in the neighbourhood of gardens; old quarry at Coalshill, near Holy-town. *Lan.*
* TULIPA *sylvestris*. In a field near Hamilton. *Glot.* Field at Smiddy croft; orchard at Orbiston; about Blantyre Priory; but in each of these places becoming scarcer annually. *Lan.*
SPARGANIUM *natans*. Lanarkshire. *J. Hooker, sp.* Frankfield Loch, abundantly. *Glot.* Lochs, to the north of Old Monkland. *Lan.*
POTAMOGETON *rufescens*. Near Glasgow. *Br. Fl.* Clyde at Dalbeth, and between Blantyre Mills and Bothwell bridge. *Lan.*
—————— *gramineus*. In the Clyde. *Glot.*
RHYNCOSPORA *alba*. Lanarkshire. *J. Hooker, sp.* Not common; Lochrigg Shotts; Glengivel Water, Avondale. *Lan.*
ERIOPHORUM *vaginatam*. Lanarkshire. *J. Hooker, sp.* Bog between Boghead and Chapelton. *Lan.*
? CAREX *pauciflora*. Near Glasgow. (Hudson.) *Glot.* (Not mentioned by Patrick.)
——— *teretiuscula*. Lanarkshire. *J. Hooker, sp.* In a bog on the Clyde, two miles from Hamilton. *Glot.* Deadwaters, Allington Farm. *Lan.*
——— *speirostachya*. Marshes, Mugdock Castle, and on the hills of Lanarkshire. *Eng. Fl.*
——— *binervis*. Hill by the road, approaching Frankfield Loch; hills at Walston. *Lan.*
——— *stricta*. In the bog at Dunsire; at Kenmuir; near Daldowie. *Lan.*
——— *lævigata*. In a marsh near Glasgow. (Mackay.) *Glot.* Wet woods east of Mugdock Castle. *Lan.* (I have given the plants of Mugdock Castle and its vicinity under the

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county of Stirling, concluding the castle to be in that county, though Patrick does twice name it, under this genus, as if in Lanarkshire. *H. W.*)

POA *aquatica*. Lanarkshire. *J. Hooker, sp.*

FESTUCA *calamaria*. Kenmuir Bank, Glasgow. *Fl. Scot.*

BROMUS *arvensis*. Between Dalbeth and Clyde Iron Works, and about Cathcart. *Fl. Scot.*

BROMUS *racemosus*. Between Glasgow and Frankfield Loch. *Fl. Scot.*

? DIGITARIA *sanguinalis*. A single plant found at Dalbeth. *Glot.*

LX. PEEBLESHIRE.

VIOLA *lactea*? Peebles. *R. Maughan, sp.* (I think the specimen from Mr. Maughan ought to be called V. flavicornis. *H. W.*)

OROBUS *sylvaticus*. Near West Linton. *G. Macnab, sp.*

GALIUM *pusillum*. Moors on the Tweed below Peebles. *Winch, add.*

PYROLA *rotundifolia*. Peebleshire. *Fl. Scot.*

PRIMULA *farinosa*. Bog near West Linton. *G. Macnab, sp.*

BETULA *nana*. In Tweed-dale. *Eng. Fl.*

LXI. SELKIRKSHIRE.

HIERACIUM *denticulatum*. In Harewood, near Selkirk. *Eng. Fl.*

† GNAPHALIUM *margaritaceum*. Banks of the Yarrow, among willows, about three miles from St. Mary's Loch. *Excurs.*

TRIENTALIS *europæa*. Blackhouse heights. *Fl. Scot.*

LXII. ROXBURGHSHIRE.

AUTHORITY.

Duncan, cat. — Catalogue of Plants observed near Jedburgh. Rev. James Duncan.

THALICTRUM *majus*. Makerston. *Duncan, cat.*

TROLLIUS *europæus*. Marshy place near Huntlaw. *Duncan, cat.*

? GLAUCIUM *luteum*. Banks of Denholm Cauld. *Duncan, cat.* (This is a sea-side plant, and unless there be some error, we must suppose it to have been introduced here.)

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TEESDALIA *nudicaulis*. Yetholm. *G. Macnab, sp.*

* COCHLEARIA *officinalis*. In Melrose churchyard. *Duncan, cat.*

* IBERIS *amara*. On a sandy bank of the Tiviot, a little to the east of Denholm, probably an outcast from some garden. *Duncan, cat.*

VIOLA *lutea*. Minto Hill; Bowden Muir; Lanton Hill. *Duncan, cat.* Hills above Yetholm. *Flora of Berwick.*

DIANTHUS *deltoides*. Minto Rocks; rocks at the side of Kirkton Burn; Makerston; Chester's Craig; rising ground south of Midlem. *Duncan, cat.*

CERASTIUM *arvense*. Foot of walls near Wark, by Kelso, abundant. *Fl. Scot.*

GERANIUM *sylvaticum*. Denholm Dean. *Duncan, cat.*

PRUNUS *Padus*. Near Jedburgh. *Duncan, cat.*

SANGUISORBA *officinalis*. Old road-side leading from Lillieslief to Shaw Burn; ground west from Hollindean Parks. *Duncan, cat.*

* SPIRÆA *salicifolia*. Minto Wood. *Duncan, cat.*

RUBUS *Chamæmorus*. Cheviot, very plentiful. *Duncan, cat.*

COMARUM *palustre*. (Five localities appear to be given for this in Mr. Duncan's MS. catalogue, but I am not able to make out the names of any of the places. *H. W.*)

SILAUS *pratensis*. Road sides, near Kelso. *Fl. Scot.*

CICUTA *virosa*. Yetholm Lock. *Duncan, cat.*

FEDIA *dentata*. Cornfields to the west of Denham Dean. *Duncan, cat.*

LACTUCA *virosa*. Melrose. *Br. Fl.*

HIERACIUM *pulmonarium*. On rocks on the hill above Yetholm. *Winch, a-d.*

——— *sylvaticum*. Denholm Dean. *Duncan, cat.*

——— *paludosum*. Denholm Dean. *Duncan, cat.*

CNICUS *heterophyllus*. Denholm Dean; Midshiel's Haugh. *Duncan, cat.*

ONOPORDUM *Acanthium*. Near Melrose. *Fl. Scot.*

GNAPHALIUM *dioicum*. Ruber's Law. *Duncan, cat.*

CAMPANULA *latifolia*. Denholm Dean; Minto Bank; wood below Bedrule Mill. *Duncan, cat.*

VACCINIUM *Vitis-Idæa*. Cheviot; hills a few miles south-east of Greenhill. *Duncan, cat.*

PYROLA *minor*? Fir-wood south from Denholm; Well's Woods. *Duncan, cat.*

LYCOPUS *europæus*. Prinside Loch. *R. Embleton, mss.*

MENTHA *piperita*. In the plantations of Eildon Hall, footpath leading to Melrose. *Duncan, cat.*

——— *rubra*. Banks of Tiviot, frequently. *Duncan, cat.*

GALEOPSIS *versicolor*. Not unfrequent. *Duncan, cat.*

EUPHORBIA *Esula*. Banks of Tiviot, opposite Minto. *Duncan, cat.*

EMPETRUM *nigrum*. Hills to the south-east of Greenhill, plentifully. *Duncan, cat.*

SALIX *purpurea*. N. bank of the Tweed, opposite Melrose. *Fl. Scot.*

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* GALANTHUS *nivalis*. Wilton Manse; about a quarter of a mile above Melrose. *Duncan, cat.*

BROMUS *secalinus*. Near Jedburgh. *Duncan, cat.*

AVENA *fatua*. Near Jedburgh. *Duncan, cat.*

LOLIUM *temulentum*. In fields, and the gravelly bank of the Tiviot, occasionally. *Duncan, cat.*

LXIII. BERWICKSHIRE.

AUTHORITIES.

Berw. A Flora of Berwick-upon-Tweed. 1829 and 1831. G. Johnston. (Berwickshire and the borders of adjacent counties.)

Club. Proceedings of the Berwickshire Naturalists' Club, 1832 and 1835.

THALICTRUM *minus*. Tweed banks opposite Spring Gardens; Spittal Links, and banks beyond Hudshead; common on the coast. *Berw.*

——— *majus*. Rocky and woody banks of the Eye at Netherbyres. *Berw.*

TROLLIUS *europæus*. Not uncommon; Haidendean, abundant; Felkington Bog, sparingly; Buncle Wood; banks of the Leet at Swinton; in the marshy field near Edington Moor; Lamberton Moor. *Berw.*

† HELLEBORUS *viridis*. Dunglass Glen. *Fl. Scot.* (within Haddingtonshire?)

GLAUCIUM *luteum*. Sandy sea-coast at Coldingham; shore between Dunglass Dean and the Coves, plentiful. *Berw.*

CORYDALIS *claviculata*. Rocks in Longridge Dean, plentiful; Pease Bridge Dean, on stony spots between the Forrester's houses, plentiful. *Berw.*

TEESDALIA *nudicaulis*. In the gravelly vale between Middleton and Langley Ford, plentiful. *Berw.*

COCHLEARIA *officinalis*. Plentiful on our sea-coast; also on dykes near the Magdalen-field farm-house. *Berw.*

——— *danica*. On the Pinnacles, one of the Fern Islands. *Berw.*

CAKILE *maritima*. Frequent. *Berw.*

CRAMBE *maritima*. On the shore by Fastcastle. (Dr. Parsons.) *Berw.*

LEPIDIUM *Smithii*. Road-side near Whitekirk. *Excurs.*

CARDAMINE *amara*. Banks of the Eye about Netherbyres; in wet places about the base of Cockburn Law, plentiful; about the

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head of Langton Wood; in the Pease Glen, and in Dunglass Dean. *Berw.*

NASTURTIUM *sylvestre.* River-side a little above West Ord; about the Union Bridge. *Berw.*

† SISYMBRIUM *Irio.* On the walls of Berwick. *R. Embleton, sp.* Most abundant at the Pier-gate. *Berw.*

† BARBAREA *præcox.* Hedge side between Wooler and Earl. *Berw.*

SINAPIS *tenuifolia.* Walls of Berwick. *Berw.*

† HESPERIS *matronalis.* In the bed of a rivulet between Burnhouses and Reston-mill, to all appearance truly wild. *Berw.*

VIOLA *lutea.* About two miles south of Fastcastle; plentiful on the banks just above Fastcastle; on the summit of Cockburn Law. *Berw.*

DROSERA *anglica.* Coldingham Moor between Renton-Bell and the old post road to Edinburgh. *Berw.*

DIANTHUS *deltoides.* Hedge-banks between Wooler and Earl; Chapel-hill, Belford; craigs by Craig-mill; frequent in the vicinity of Wooler; very common in the west of Berwickshire, but rare on its eastern side; where, however, it occurs in tolerable abundance at St. Helen's Church, and in Lumsden Dean. *Berw.* Plentiful near Coldstream. *R. Embleton, mss.*

SILENE *maritima.* Common on the coast; Farn Islands. *Berw.*

SAGINA *maritima.* By the side of the Canal below New-Water Haugh; on rocks in Holy Island, between the Heugh and the Castle, Farn Islands. *Berw.*

SPERGULA *subulata.* Amongst the craigs at Easington; and at Spindlestone, plentiful; Coldingham Moor. *Berw.*

ARENARIA *peploides.* Lamberton Shields; Spittal sands and coast to the southward. *Berw.*

——— *marina.* Sea-coast; sides of the Tweed above the bridge. *Berw.*

——— *verna.* On St. Abb's-head, plentiful; in a deep glen about a mile south of Fastcastle; Spindlestone Craigs. *Berw.*

CERASTIUM *arvense.* Near King's Mount Bastion; Castlebanks; Spittal and Scrammerston Links, &c. *Berw.*

——— *tetrandum.* On the links at Bamborough and Holy Island; Spittal Links, and southward. *Berw.*

RADIOLA *millegrana,* Ancroft Moor. *Berw.*

* TILIA *grandifolia.* In the park at Nenthorn, naturalised. *Berw.*

* HYPERICUM *Androsæmum.* Formerly found in Birgham Haugh; and seen in other parts of Berwickshire, but in every place too obviously the outcast of gardens. *Berw.*

GERANIUM *sylvaticum.* Woods about Houndwood and Renton; banks of Wooler Water above and below Langley-ford. *Berw.*

† ——— *phæum.* Banks of the Eden, near Stitchell. *Berw.*

——— *sanguineum.* On the links of Holy Island; sea-banks at Hudshead; links from Scrammerston southwards, abundant. *Berw.*

OROBUS *sylvaticus.* On a bank facing the Tweed, on the north side,

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about a quarter of a mile below the public house at the Bield (Lightfoot); near Longformacus. *Berw.*

LATHYRUS *sylvestris.* Banks of the Whiteadder, at Hutton Mill. *R. Embleton, sp.*

VICIA *lathyroides.* Heugh, Holy Island; Chapel-hill, Belford, and other basaltic heights between it and Bamborough; on the precipitous and dry rocky banks of Ale-water. *Berw.*

ASTRAGALUS *glycyphyllus.* Brow of Cockle-hill at Learmouth; banks of Tweed by the road to Carham; hilly pastures at Money-Laws; in the ravine above Burnmouth. *Berw.* In several places between the Siccar Point and the mouth of the Pease Burn. *Club.*

——— *hypoglottis.* Links of Holy Island; Spittal Links, and the links beyond Scrammerston; sea-banks below Redheugh. *Berw.*

MELILOTUS *leucantha.* Old Limestone quarry at Saterpath Haven; New-Water Haugh Wood; Coupland plantations near Wooler. *Berw.* (Trifolium officinale. *Fl. Berw.*)

TRIFOLIUM *scabrum.* Rocks in Holy Island. *Berw.*

LOTUS *tenuis.* St. Abb's Head. *R. Embleton, sp.* Cultivated fields between Coldingham Lough and the sea. *Club.*

* MEDICAGO *sativa.* Field above the quarry on Sunnyside; cornfield near Gunsgreen-hill. *Berw.*

PRUNUS *Padus.* Woods about Houndwood and Renton Inns; in a dean about a mile south of Fastcastle. *Berw.*

† SPIRÆA *salicifolia.* Marchmont woods, apparently quite wild. *Berw.*

ROSA *spinosissima.* Common; the only species found wild in Holy Island. *Berw.*

—— *tomentosa.* Common. *Berw.*

—— ——— (scabriuscula). Banks of the Tweed above the Union Bridge, plentiful; and occasionally in hedges. *Berw.*

—— *canina* (sarmentacea). Frequent. *Berw.*

—— ——— (dumetorum). Not rare; side of the road between New Farm and the Old Lamberton Toll; below Lamberton Shields; on banks between Middleton and Langley Ford. *Berw.* (This is the R. dumetorum of Smith, not of English Botany, according to the author of the Flora of Berwick.)

—— ——— (Forsteri). Ancroft Dean. *Berw.*

—— *cæsia.* On the bank at the road-side above Whiteadder Bridge. *Berw.*

RUBUS *Koehleri.* Hedges, not rare. *Berw.*

——— *macrophyllus.* Near Houndwood. *Berw.*

——— *saxatilis.* Lees' Cleugh, a wooded ravine near Langton Lees farm-house, plentiful. *Berw.*

——— *Chamæmorus.* On Cheviot, plentiful. *Berw.*

POTENTILLA *argentea.* Road-side west of Stitchell. *Berw.*

——— *verna.* Spindlestone Hills, Northumberland. *Berw.*

COMARUM *palustre.* Below Murton Craigs; Haiden Dean; below Shoreswood-hall; Longridge Dean. *Berw.*

SANGUISORBA *officinalis.* Bradford Dean. *Club.*

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EPILOBIUM *alsinifolium*. In rivulets on the sides of the Cheviot Hills, as mentioned by Ray. *Berw.*

SEDUM *anglicum*. Heugh, Holy Island; and about the Castle. *Berw.*

——— *villosum*. By rivulets and in bogs at the foot of Cheviot; basaltic heights between Belford and Bamborough; boggy spots between Whitchester and Longformacus; and at the top of a hill, at the road-side, about half way between Dunse and Longformacus. *Berw.*

RHODIOLA *rosea*. On Fastcastle; on rocks between Lamberton and Burnmouth; at the foot of a deep glen about a mile south of Fastcastle. *Berw.* Cliffs at St. Abb's Head. *R. Embleton, sp.*

* RIBES *rubrum* and *nigrum*. In deans, on the sites of deserted mills and cottages. *Berw.*

SAXIFRAGA *stellaris*. On and about the Cheviots. *Berw.*

——— *Hirculus*. Near Langton (Dr. Johnston.) *R. Bowman, sp.* Moor south of Langton Lees farm-house. *Br. Fl.* Near Langton Wood. *Club.* (Perhaps these all intend the same locality?)

——— *hypnoides*. Dunsdale and Henhole Hopes, part of the Cheviots. *Club.*

CHRYSOSPLENIUM *alternifolium*. Langton woods; at Longformacus; near Cockburn Mill; Dunglass Dean. *Club.*

CICUTA *virosa*. "Prinside Loch, Berwickshire." *Berw.* (Roxburghshire?)

* MYRRHIS *odorata*. Pinnacle-hill near Kelso; borders of Coldingham Moor, yet scarce run wild. *Berw.*

ŒNANTHE *Phellandrium*. Ferneyrig Marsh, sparingly. *Berw.*

SMYRNIUM *Olusatrum*. On the sea-coast at Dunglass, on the edge of Berwickshire. *Berw.*

LIGUSTICUM *scoticum*. Sea-shore at Lamberton Shields; shore at Eyemouth; on rocks between Fastcastle and Redheugh. *Berw.*

SISON *Amomum*. Hirsell Lough. *R. Embleton, sp.* Near Coldstream. *Br. Fl.*

SILAUS *pratensis*. Common in Berwickshire; and not rare in the north of Durham. *Berw.*

VIBURNUM *Lantana*. At Sir John Hall's, in Dunglass Glen. *Berw.*

CORNUS *suecica*. On Cheviot, close to the spring where those ascending generally rest themselves. *Berw.*

GALIUM *boreale*. Gateheugh; bog south of Hardacres, near Eccles; road-side, north of Hatchetneze, Coldstream; road-side half way between Fishwick and West Fishwick. *Berw.*

* DIPSACUS *Fullonum*. In the hedge of a cottage garden near Netherbyres, and in the edge of the field adjoining. *Berw.*

TRAGOPOGON *major*. Frequent on the banks of the Tweed at Birgham and Lennel, and in fields near Eccles; frequent all over the east and north of Berwickshire and North Durham. *Berw.*

LACTUCA *virosa*. Banks of the Tweed, near the Chain bridge. *R. Embleton, sp.* Near Twizel House; lane west of Old

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Ladykirk; banks of the Tweed from the Chain bridge to Norham, most abundant; Ayton road, near the six-mile stone; Twizell Toll. *Berw.*

HIERACIUM *sylvaticum.* On the Old Castle; banks between the Foundry and Spittal. *Berw.*

——— *paludosum.* Castle-hills; boggy ravine east of West Ord, &c. *Berw.*

——— *umbellatum.* Haiden Dean, on the site of an old Roman Station. *Berw.* Near Woodend, in the parish of Langton. *Club.*

——— *prenanthoides.* Wooded bank, opposite Bank-house, Berwickshire; banks of the Dye at Lonformacus; Pease Bridge Dean. *Club.*

——— *molle.* Langton woods, plentiful; wood opposite Bank-house, near Renton. *Br. Fl.*

CNICUS *heterophyllus.* At the foot of Cheviot; Langton Lees' Cleugh; banks of the Whiteadder above Claribad Mill. *Berw.*

? ONOPORDUM *Acanthium.* To be expunged from the Flora of Berwick. *Johnston, mss.*

ARTEMISIA *maritima.* Coast beyond Goswick; on the Emblestones; the variety *gallica,* on St. Cuthbert's, Holy Island, sparingly. *Berw.*

GNAPHALIUM *dioicum.* St. Abb's Head. *R. Embleton, sp.* Etal Moor, by the road to the Coal-works; Lamberton Moor; moors above Kyloe. *Berw.*

ERIGERON *acris.* Links at Holy Island, in a direction north from the Castle. *Berw.*

SENECIO *viscosus.* About the riding-stable at Easington, plentiful; Magdalen fields, at the Cow-port; in the wood above Netherbyres; near Lumsden, and other places in Berwickshire. *Berw.*

ASTER *Tripolium.* Sides of the Tweed above the bridge; and coast beyond Goswick Links, plentiful. *Berw.*

PYRETHRUM *maritimum.* Sea-banks about the Needle-eye, but in inaccessible places. *Berw.*

* ANTHEMIS *nobilis.* About Chirnside Bridge, not wild. *Berw.*

CAMPANULA *latifolia.* Wood southwest of Polwarth Church, and Castle-law woods; Langton Wood and Lees' Cleugh, plentiful; woods above the Pease Bridge, abundant. *Berw.*

VACCINIUM *Vitis-Idæa.* Higher parts of Cheviot; on the wooded rocky hill above Hepburn at Chillingham; banks of the Whiteadder, above Abbey St. Bathans, sparingly; on Hedgehope, abundant; about the top of Dirrington Law, plentiful. *Berw.*

——— *Oxycoccos.* Moors between Belford and Wooler, plentiful; Haiden Dean; bog below Shoreswood Hall. *Berw.*

ARBUTUS *Uva-ursi.* On the west side of Dirrington Law, plentiful. *Berw.*

PYROLA *rotundifolia.* In the dean below Allerton Mill, plentiful, about midway between the mill and the lime road; Haiden Dean, abundant. *Berw.*

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PYROLA *media*. On the wooded and heathy bank above the School-house at Abbey St. Bathans, most abundant; Lumsden, Ancroft, Haiden, and Longridge Deans. *Berw.*

——— *minor*. Wood at Orange-lane; plantation to the north of Loch Lithtillum, abundant; Langton Wood; Blackadder plantations, abundant; wooded banks of the Dye above Longformacus, a single specimen. *Berw.*

——— *secunda*. Yevering Bell Hill (Dr. Johnston). *R. Embleton, sp.*

ERYTHRÆA *littoralis*. On the Links south of Bamborough Castle, and on Holy Island, plentiful. *Berw.*

* POLEMONIUM *cæruleum*. Sometimes escapes from gardens. *Berw.*

MYOSOTIS *cæspitosa*. In the lane below Unthank Colliery; not uncommon in watery places. *Berw.*

——— *repens*. In the vale below Langley Ford, Northumberland; Horncliff Dean, North Durham; in the wooded dean above the Pease Bridge, near the burn, Berwickshire. *Berw.*

——— *sylvatica*. Langton Woods. *Club.*

LITHOSPERMUM *maritimum*. On the shores at the mouth of the Peaseburn; Lumsden shore, plentiful. *Club.* Den of Dunglass. *Fl. Scot.*

* ANCHUSA *sempervirens*. In a hedge behind Ramsay's Barn; bank in front of Netherbyres House; near the Grieve's House; On hills of columnar greenstone to the north of Hume Castle. *Berw.*

SYMPHYTUM *tuberosum*. Side of the Whiteadder, half way between its mouth and the bridge, rare; Westruther. *Berw.*

ASPERUGO *procumbens*. In the Holy Island (Ray); on Bamborough Castle, confined to a small spot. *Berw.*

* PULMONARIA *officinalis*. In gardens frequent, and occasionally cast out with the rubbish, to flourish by a hedge side for a season or two. *Berw.*

† VERBASCUM *nigrum*. Waste ground at Ord, probably an outcast of the garden, but observed there for many successive years. *Berw.*

† ATROPA *Belladonna*. On the banks of Wooler Water, near Wooler; by a rivulet which enters the Tweed above Horncliff. *Berw.*

RHINANTHUS *major*. Found by Richardson, in 1723, amongst the corn near Westnewton in Northumberland, on the borders of Scotland. *Berw.*

MELAMPYRUM *pratense* (montanum). On the south-east side of Cheviot. *Berw.* (I suspect this to be rather a common mountain-form of M. pratense.)

——— *sylvaticum*. Banks of the Dye above Longformacus. *Berw.*

VERONICA *polita*. Cultivated grounds; near Gavington, plentiful. *Berw.*

† ——— *Buxbaumii*. In the shrubbery in front of the house at Whiterig, Berwickshire. *Berw.*

MENTHA *sylvestris*. In the neighbourhood of Blanerne, abundant. *Club.*

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MENTHA *viridis*. Sides of the Whiteadder, near Edrington, "wild." *R. Embleton, sp.* At the sides of the Whiteadder above Gainslaw-ford, on the north side, in two or three large patches, and apparently perfectly wild. *Berw.*

——— ——— (crispa). Side of Wooler Water, near Coldgate Mill; and about one mile and a half above Langleyford, on the borders of a rivulet flowing down from the Cheviot, and near its junction with the Wooler Water. *Club.* (Specimens from *Mr. Embleton* and *Mr. James Macnab.*)

——— *Piperita*. Sides of the rivulet below Lamberton Shields. *Berw.*

——— *rubra*. About Whiteadder Island; probably at the side of the Blackadder below Mungo's Wells. *Berw.*

——— *gentilis*. Sides of Wooler Water, near the Haugh-head. sparingly; side of the water-course above the carding-mill at Wooler, apparently wild. *Berw.*

LAMIUM *incisum*. Frequent. *Berw.*

GALEOPSIS *versicolor*. Near Burnhouses and Whitchester; about Wooler; abundant in a field below Langleyford; between Huntly-wood and Ledgerwood. *Berw.*

STACHYS *ambigua*. In Edmonstone Dean, Berwickshire, among whins, sparingly. *Club.*

LATHRÆA *squamaria*. In some natural wood above the Retreat, plentiful. *Berw.*

STATICE *Armeria*. Sea-shore. *Berw.*

——— *Limonium*. St. Cuthbert's, Holy Island. *Berw.*

PLANTAGO *maritima*. Sea and river banks; Lamberton Moor. *Berw.*

LITTORELLA *lacustris*. Margins of the Lough on Holy Island, abundant. *Berw.*

GLAUX *maritima*. Muddy places on the sea-coast to the southward; and sides of the Tweed above the bridge. *Berw.*

SALSOLA *Kali*. Sandy sea-shores, frequent. *Berw.*

CHENOPODIUM *murale*. Holy Island, between the town and Castle. *Berw.*

——— *urbicum*. Hirsell Woods. *Club.*

——— *maritimum*. Coast beyond Beal; Holy Island. *Berw.*

ATRIPLEX *littoralis*. Coast beyond Beal. *Berw.*

SALICORNIA *herbacea*. Between Goswick Links and Fenham; Holy Island. *Berw.*

EUPHORBIA *Esula*. Birgham Haugh. *Berw.* Banks of the Tweed, near Coldstream. *Br. Fl.*

EMPETRUM *nigrum*. Moors very common; also on sea-banks. *Berw.*

QUERCUS *sessiliflora*. Near West Fishwick. *Berw.*

* CASTANEA *vulgaris*. Plantations, common. *Berw.*

* CARPINUS *Betulus*. Plantations, not common. *Berw.*

TRIGLOCHIN *maritimum*. Abundant on marshy spots on all our coasts, and at the sides of the river within the influence of the tide. *Berw.*

LISTERA *cordata*. Buncle Wood, Berwickshire. *Berw.*

* GALANTHUS *nivalis*. Near Chillingham. *Berw.*

* NARCISSUS *Pseudo-narcissus*. Near Chillingham. *Berw.*

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ALLIUM *Schœnoprasum.* Fastcastle, on the borders of Berwickshire. *Fl. Scot.*

——— *arenarium.* Mouth of the Whiteadder, plentiful. *Berw.*

——— *oleraceum.* On the Heugh, Holy Island; on the rocks at Spindlestone. *Berw.*

SCILLA *verna.* Sea banks at Gunsgreen, plentiful. *Berw.*

TULIPA *sylvestris.* Naturalised in the woods at Netherbyres. *Berw.*

? CONVALLARIA *Polygonatum.* On Kyloe rocks, a few miles south of Berwick. *Berw.* Now extinct there. *R. Embleton, mss.*

SPARGANIUM *natans.* In the foss at the top of Coldingham Lough, abundant; Northfield Mill-pond. *Club.*

POTAMOGETON *rufescens.* Ferneyrig Marsh, in the parish of Eccles, plentifully. *Berw.*

——— *prælongus.* Berwickshire. *Br. Fl.*

ZOSTERA *marina.* Between Goswick Links and the Old Law; on the road from Goswick to Holy Island. *Berw.*

LEMNA *trisulca.* Clear still waters, as in the pond at the Grieve's House. *Berw.*

ERIOPHORUM *vaginatum.* Below Shoreswood Hall; Murton Craigs; common on the more elevated moors. *Berw.*

——— *pubescens.* Castle-hills; field below the Old Lamberton Toll: Lamberton Moor, &c. *Berw.*

CAREX *arenaria.* Sandy sea-shore, abundant. *Berw.*

——— *intermedia.* Frequent; Castle-hills, &c. *Berw.*

——— *limosa.* Haiden Dean, sparingly. *Berw.*

——— *Oederi.* In a bog near Mayfield, abundantly. *Club.*

——— *fulva.* Near Ledgerwood; bogs about Bunele; plentiful in the bog below Lintlaw. *Club.* (The same localities are given for C. speirostachya, in *Br. Fl.* 3rd edition.)

——— *binervis.* Plentiful on all our moors. *Berw.*

——— *rigida.* Summit of Cheviot. *Berw.*

——— *lævigata.* Wooded banks of Wooler Water, below Langleyford; in moist places at the base of the wooded hill above Hepburn, Northumberland. *Berw.*

PHLEUM *arenarium.* Common on the sandy sea-coast; Holy Island. *Berw.*

MELICA *nutans.* Gateheugh, Berwickshire. *Berw.*

POA *maritima.* Sides of the Tweed above the bridge; shores of Holy Island, abundantly; St. Abb's Head, and on the sea-shore from that to Redheugh. *Berw.*

——— *procumbens.* Farn Islands. *Berw.*

FESTUCA *rubra.* On the coasts of Holy Island; Spittal Sands. *Berw.*

——— *bromoides.* On the dyke near Ramsay's barn; about Ord Moor; and other places. *Berw.*

BROMUS *racemosus.* Fields near Coldstream and Anton's Hill. *Club.*

AVENA *fatua.* Corn-fields. *Berw.*

——— *pubescens.* Not uncommon in dry limestone pastures; sea and river banks. *Berw.*

ARUNDO *arenaria.* Sandy sea-coast from Spittal southward. *Berw.*

LOLIUM *temulentum.* Near Shoreswood Hall. *Berw.*

——— *arvense.* Corn-fields at Easington, rare. *Berw.*

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HORDEUM *pratense*. Yarrow-haugh; side of the river below the mouth of the Whiteadder. *Berw.*
TRITICUM *junceum*. Sandy sea-coast from Spittal southward. *Berw.*

LXIV. HADDINGTONSHIRE.

AUTHORITY.

Edin. — A Catalogue of the Phenogamic Plants growing in the neighbourhood of Edinburgh. James Woodforde. 1814.

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† HELLEBORUS *viridis*. Dunglass Glen. *Fl. Scot.*
GLAUCIUM *luteum*. Sandy shores near Gosford. *Edin.*
ALYSSUM *calycinum*. Dirleton Common. *J. H. Balfour, sp.*
SILENE *conica*. Dirleton Common. *J. H. Balfour, sp.* And sandy fields in the neighbourhood, profuse. *Excurs.*
——— *anglica*. Near Dirleton, pretty abundant. *Excurs.*
——— *noctiflora*. Aberlady, and fields near Dirleton. *Excurs.*
ARENARIA *marina*. Morrison's Haven, near Preston-pans; Aberlady Links. *Edin.*
CERASTIUM *arvense*. Guillon Links. *W. Brands, sp.*
——— *tetrandrum*. Near Preston-pans. *Edin.*
LAVATERA *arborea*. On the Bass Island. *Edin.*
GERANIUM *sanguineum*. Sea-shore at Gosford Gate near Aberlady. *Edin.*
ERODIUM *moschatum*. Near Preston-pans. *Edin.*
ASTRAGALUS *hypoglottis*. All along the coast from Preston-pans to Gosford; Guillon Links. *Edin.*
MELILOTUS *leucantha*. Corn-fields at Aberlady Bay. *Br. Fl.*
TRIFOLIUM *scabrum*. Dry pastures at Dunbar, by the sea. *Fl. Scot.*
ROSA *spinosissima*. Links near Cockenzie. *Edin.*
SAXIFRAGA *Hirculus*. About three miles beyond Blackshiels, about twenty miles from Edinburgh, in a straight line, and ten from the Berwickshire station. *Excurs.*
ERYNGIUM *maritimum*. Dunbar. *Fl. Scot.*
? CRITHMUM *maritimum*. At Aberlady. *Br. Fl.*
HELOSCIADIUM *repens*. Pools at Guillon Links. *Edin.*
ŒNANTHE *pimpinelloides*. On the shore, a mile east of Dunbar. *W. H. Campbell, mss.*
SIUM *latifolium*. Wet ground on the coast, a mile east from Dunbar. *Excurs.*
† SMYRNIUM *Olusatrum*. Dirleton Castle. *Edin.*
VIBURNUM *Lantana*. Dunglass Glen. *Fl. Scot.*
FEDIA *dentata*. Field at Dirleton. *G. Macnab, sp.*

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ONOPORDUM *Acanthium*. Sea-shore beyond Preston-pans; near Cockenzie; Links at Port Seaton. *Edin.*

ARTEMISIA *maritima*. By Guillon Loch; Luffness Mill; banks of the Peffer Burn, near Aberlady, with A. gallica. *Edin.* (I know not to what county is to be assigned the locality of "St. Mary's Isle," for A. gallica.) *H. W.*

ASTER *Tripolium*. Aberlady Bay. *Edin.*

CAMPANULA *glomerata*. Links near Gosford. *Edin.*

——— *hybrida*. Sparingly in a field at Dirleton; abundantly in a neglected field at Luffness. *Excurs.*

ERYTHRÆA *littoralis*. Guillon Links. *Edin.* (The same locality is given for E. pulchella, but it is suggested that E. littoralis has been mistaken for that species.)

* ANCHUSA *sempervirens*. Den of Dunglass. *Fl. Scot.*

† ASPERUGO *procumbens*. Ruins of the old castle at Dunbar. *R. Maughan, sp.* Guillon Links. *Edin.* Near Luffness, in a neglected field. *Excurs.*

VERBASCUM *nigrum*. Near Bogle Hill, east of Cockenzie; Links between Seaton and Gosford. *Edin.*

LIMOSELLA *aquatica*. Pool near Guillon Links. *G. Macnab, sp.*

ACINOS *vulgaris*. Dirleton Common. *J. H. Balfour, sp.* Near Aberlady. *Excurs.*

LITTORELLA *lacustris*. Pool on Guillon Links. *Edin.*

GLAUX *maritima*. Guillon Links and Aberlady Bay. *Edin.*

SALICOMIA *herbacea*. Morrison's Haven, near Preston-pans; Aberlady Bay and Links, abundantly. *Edin.*

CHENOPODIUM *maritimum*. Morrison's Haven; Aberlady Bay. *Edin.*

ATRIPLEX *littoralis*. Guillon Links. *W. Twynam, sp.*

BETA *maritima*. Opposite Gosford Gate. *Edin.* Bass Island. *Fl. Scot.*

HIPPOPHAE *rhamnoides*. Sea-shore near Gosford; road-side near Hales, abundantly. *Edin.*

EUPHORBIA *Esula*. Near Gladsmuir Kirk, in a lane leading from the Haddington road to Elvingston. *Edin.*

TRIGLOCHIN *maritimum*. Guillon and Aberlady Links. *Edin.*

* NARCISSUS *biflorus*. Bass Rock, introduced. *W. Brands, sp.*

? ASPARAGUS *officinalis* Links near Gosford. *Edin.*

RUPPIA *maritima*. Salt-water pools on Guillon Links; Aberlady Bay. *Edin.*

ZOSTERA *marina*. Aberlady Bay. *G. Macnab, sp.*

JUNCUS *obtusiflorus*. On the shore, a mile east from Dunbar. *W. H. Campbell, mss.*

SCIRPUS *maritimus*. Stream-side near Luffness. *Edin.*

BLYSMUS *rufus*. Guillon Loch; Aberlady Bay; Dunbar. *Edin.*

? CAREX *Davalliana*. Side of Guillon Loch. *Edin.*

——— *arenaria*. Links eastward of Cockenzie. *Edin.*

——— *intermedia*. Guillon Links. *Edin.*

——— *extensa*. On the shore a mile east from Dunbar. *W. H. Campbell, mss.*

ALOPECURUS *agrestis*. Sandy field near Gosford. *Excurs.*

PHLEUM *arenarium*. Near Preston-pans. *Edin.*

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POA *maritima*. Forming nearly the whole pasture in the salt marshes at Aberlady Bay. *Edin.*

ROTTBOLLIA *incurvata* (filiformis). Salt marshes near Aberlady. *Edin.*

LXV. EDINBURGHSHIRE.

No part of Britain appears to have been more scoured over by botanists, than have the coasts of the Firth of Forth, in the vicinity of the city of Edinburgh. Greville's *Flora Edinensis* describes most of the species found within ten or a dozen miles of Edinburgh, but Woodford's *Catalogue*, being of rather later date, has a few additions to the species and localities; and it is, on such account, referred to instead of the proper Flora of the tract. Several new additions, however, have been recently made to the botanical productions of this, as well as of other, parts of Scotland, either by the present Prossessor of the Science in the University of Edinburgh, or by his pupils. The Botanical Society of Edinburgh has lately published a Catalogue of all the reputedly British phænogamic plants and ferns, distinguishing such as are found within thirty miles of the city, and noting their rarity or frequency in its vicinity. Since this Catalogue must embrace several counties, and the plants of each not being distinguished, I am unable to make any reference to it here; but the cost of the Catalogue itself is so very trifling that any person can procure it who may feel an interest in knowing what plants have been found in this part of Britain. It gives, at the same time, the most complete list yet published of all the species said to have been found in the British Islands.

AUTHORITY.

Edin. — A Catalogue of the indigenous Phenogamic Plants growing in the Neighbourhood of Edinburgh. James Woodforde, 1824.

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* CLEMATIS *Vitalba*. By the bridge near to the Palace in Dalkeith Park; Colinton Woods. *Edin.*

THALICTRUM *minus*. Sandy shore of the Forth, near Caroline Park. *H. W. sp.*

TROLLIUS *europæus*. By the Water of Leith, opposite the mill above Currie. *H. W. sp.* Meadow ground south of Ravelrig Toll; near Borthwick Castle; Lugton Woods; woods at Midcalder. *Edin.*

† HELLEBORUS *viridis*. Wall-top near Lasswade. *Edin.*

* ADONIS *autumnalis*. Near Edinburgh. *J. Graves, sp.*

* DELPHINIUM *Consolida*. Shore near Edinburgh. *J. Graves, sp.*

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* MECONOPSIS *cambrica*. Pasture ground near Woodhall, introduced. *W. Brands, sp.* Banks of the Water of Leith, near Woodhall; Braid Woods. *Edin.*

GLAUCIUM *luteum*. Gravelly bed of the Water of Leith, beyond Coltbridge. *Edin.*

? EPIMEDIUM *alpinum*. Hunter's Tryste. *Edin.* (No longer found there, and, in all probability, an introduced plant originally.)

CORYDALIS *claviculata*. Ravelston Quarry. *Edin.*

FUMARIA *parviflora*. Calton Hill, and on all sides of Edinburgh. *W. Brands, sp.* Near Musselburgh. *G. Macnab, sp.* At Hill-side, north of the Calton Hill, and (the variety leucantha) at Mr. Waddel's grounds at Hermitage. *Br. Fl.*

CAKILE *maritima*. Shore near Caroline Park. *H. W. sp.* Leith Sands; between Newhaven and Caroline Park. *Edin.*

LEPIDIUM *Smithii*. Woods near Rosslyn; in a corn-field at Bell's Mills. *Edin.*

COCHLEARIA *officinalis*. Inchkeith; Cramond Island; sea-shore between Granton Wood and Cramond; Fisherrow and Musselburgh Links. *Edin.* (I think to have observed the plants about Granton and Cramond frequently presenting the elliptical pouch of *E. anglica*, and have specimens in my herbarium, gathered near the latter place, which I should refer to *C. anglica*.)

——— *danica*. Firth of Forth, probably from Cramond Island. *H. W. sp.* Cramond Island. *Edin.*

? DRABA *muralis*. Field behind the old Botanic Garden; near Bellevue. *Edin.*

† CAMELINA *sativa*. Banks of the Esk, above Inveresk. *R. Maughan, sp.* Field, Lochend, near Edinburgh. *G. Macnab, sp.* Calton Hill. *Edin.*

? DENTARIA *bulbifera*. Banks of the Esk, below Dalkeith. *Br. Fl.* (Not admitted by the Botanical Society.)

CARDAMINE *amara*. Water of Leith, above Currie. *H. W. sp.* Marsh about a mile west from Lasswade; Water of Leith near St. Bernard's Well; near Bell's Mill and Kevock Mill; banks of the Esk above Dalkeith. *Edin.*

† BARBAREA *præcox*. In the bed of the Water of Leith, near St. Bernard's Well. *Edin.*

NASTURTIUM *sylvestre*. By the Water of Leith. *W. Brands, sp.*

* HESPERIS *matronalis*. Fields near the Hunter's Tryste. *W. Christy, sp.* Debris of Salisbury Craigs; banks of Glencorse Burn; Colinton and Auchindenny Woods; banks below Arthur's Seat; banks of the Water of Leith. *Edin.*

† BRASSICA *oleracea*. Inchkeith.

——— *campestris*. By the side of the road leading from Leith to Queensferry, near Bangholm. *Edin.*

RESEDA *lutea*. Debris of Salisbury Craigs. *Edin.*

VIOLA *lutea*. Woods near Ravelrig Toll, and observed on Dalmahoy, Braid, and Pentland Hills. *H. W. sp.* Arthur's Seat; Blackford Hills; Corstorphine Hills. *Edin.*

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VIOLA *flavicornis*. Several stations near Edinburgh. *Excurs.*

DIANTHUS *deltoides*. Blackford Hill, and above the railway on Arthur's Seat, as well as on the northern side of the latter hill. *H. W. sp.* Banks of Lochend; Pentland Hills. *Edin.*

* ——— *barbatus*. Rosslyn Wood; banks of the Water of Leith, between Coltbridge and Saughton-hall; Colinton Woods; near Maleny. *Edin.*

LYCHNIS *Viscaria*. Blackford Hill. *W. Brands, sp.* On the rocks, called the "Basaltic Columns," above the railway under Arthur's Seat. *H. W. sp.* Rocks by Braid Hermitage; Dundas Hill [Linlithgowshire?]. *Edin.*

SILENE *maritima*. Cramond Island; Inchkeith; rocks near Caroline Park. *Edin.*

SAGINA *maritima*. Cramond Island. *J. H. Balfour, sp.* Other islands and shores of the Firth of Forth. *H. W. sp.* Near the wet-dock at Leith. *Edin.*

SPERGULA *subulata*. Dalmahoy Hill. *W. H. Campbell, sp.* Corstorphine Hill; and on a little bank by the road-side shortly before reaching Ravelrig Toll, from Edinburgh. *H. W. sp.* On a wall near Ravelrig Toll. *Edin.*

STELLARIA *nemorum*. Rosslyn Woods. *H. W.* Arniston and Newbattle Woods. *Edin.*

ARENARIA *peploides*. Between Newhaven and Cramond, in various parts of the shore of the Forth. *H. W. sp.* Leith Sands; Fisherrow and Musselburgh Links. *Edin.*

——— *verna*. Plentiful on Salisbury Craigs and Arthur's Seat, and occasionally on the Pentland Hills. *H. W. sp.* Blackford Hill. *Edin.*

? ——— *tenuifolia*. Cramond Island. *Edin.* (I much suspect that Sagina maritima is the plant to which this name has been applied. *H. W.*)

CERASTIUM *tetrandrum*. Frequent on Arthur's Seat, and on walls and banks about Edinburgh. *H. W. sp.* Fisherrow Links; Braid Hill; Calton Hill; Inchkeith.

GERANIUM *sanguineum*. Rocks on Arthur's Seat, above the railway. *H. W. sp.* Salisbury Craigs. *Edin.*

——— *sylvaticum*. Rosslyn and Auchindinny Woods. *H. W.* Colinton and Arniston Woods. *Edin.*

* ——— *phæum*. Colinton and Granton Woods. *Edin.*

† ——— *pyrenaicum*. By the road under Salisbury Craigs, at the end towards Duddingston. *H. W. sp.* Near Craigmillar Castle; near Bell's Mills; in a lane leading from the south-east part of Edinburgh to the King's Park, abundantly. *Edin.*

* STAPHYLEA *pinnata*. Colinton Woods, evidently introduced. *H. W. sp.*

? ULEX *nanus*. Pentland Hills. *Edin.* (Not recognised as an Edinburgh plant, by the Botanical Society, and a Braid-Hill specimen, which I have seen under this name, is merely U. europæus.)

ONONIS *spinosa*? Fisherrow Links. *Edin.*

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Orobus *sylvaticus*. Sparingly at the end of Braid Hills towards the high-road leading thence to the Pentlands. *H. W. sp.* Woods near Currie. *Edin.*

† Lathyrus *sylvestris*. Debris of Salisbury Craigs, on the north side. *Edin.*

* ——— *Aphaca*. In a wheat field near Edinburgh. *J. Graves, sp.*

Vicia *angustifolia*. Arthur's Seat. *W. Brande, sp.* Near Duddingston Loch, on the sloping bank above the Railway; Dalmahoy Hill, on the side towards Ravelrig Bog; Cramond Isle. *H. W. sp.*

—— *lathyroides*. Side of Arthur's Seat above the Railway; and isles in the Forth. *H. W. sp.* Blackford Hill; fields east of Portobello; Leith gravel-pit. *Edin.*

Astragalus *hypoglottis*. Slope of Arthur's Seat, above the Railway, and on the shore of the Forth between Newhaven and Cramond. *H. W. sp.*

——— *glycyphyllus*. Coryton Woods; banks of the Water of Leith, between Coltbridge and Saughton-hall. *Edin.*

Melilotus *leucantha*. In a deserted quarry on the banks of the Union Canal, near Edinburgh. *Excurs.*

Trifolium *ornithopodioides*. Musselburgh Links. *G. Macnab, sp.* In a field near Maitland Bridge, between Edinburgh and Musselburgh; Fisherrow Links; Figget Whins. *Edin.*

——— *scabrum*. Near Edinburgh. *G. Lloyd, sp.* King's Park; dry soils by the sea-shore near Edinburgh. *Edin.*

Lotus *tenuis*. Edinburgh. *G. Lloyd, sp.*

* Medicago *sativa*. Figget Whins. *Edin.*

Prunus *Padus*. Colinton Woods. *H. W. sp.* Rosslyn Woods; Banks of Bevelaw Burn; Auchindinny and Arniston Woods. *Edin.*

* —— *domestica*. Craigmillar Castle; Colinton Woods. *Edin.*

Spiræa *salicifolia*. Arniston Woods; Cragie-hall and Cramond Bridge. *Edin.*

Pyrus *Aria*. Rocks in the King's Park, near the Powder Magazine; wood on the Dalkeith road; wood near Craiglochart. *Edin.*

Rosa *spinosissima*. Newbattle Marsh. *H. W. sp.* Arthur's Seat; road-sides between Duddington and Musselburgh. *Edin.*

—— *Sabini* (Doniana). Banks of the Water of Leith near Colinton. *Edin.*

—— *tomentosa*. Banks of the Water of Leith, at Bog's Mill, near Slateford. *R. Maughan, sp.* Sea-side between Caroline Park and Cramond; between Ravelston Wood and Edinburgh (R. mollis). *Edin.*

—— *inodora*. Near Edinburgh. *Edin.*

Rubus *saxatilis*. Auchindinny Woods. *H. W.* Rosslyn Woods; Pentland Hills, near Colinton. *Edin.*

—— *Chamæmorus*. Top of the Eastern Cairn Hill, one of the Pentlands. *Edin.*

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POTENTILLA *argentea*. Blackford Hill, on the rocks and debris. *H. W. sp.* Craig Brae near Dundas Castle; Binny Craig. *Edin.*

——— *verna*. Arthur's Seat. *W. Brands, sp.* South-west side of Arthur's Seat; rocks and walls at Craiglochart. *Edin.*

COMARUM *palustre*. Near the Braid Hills. *H. W. sp.* Hunter's Bog; in a marsh on the east side of Arthur's Seat; Duddingston Loch; Braid Hill Marshes; Pentland Hills; Ravelrig Bog. *Edin.*

? CIRCÆA *alpina*. West side of Arthur's Seat. *Edin.*

CERATOPHYLLUM *demersum*. Cannonmills Loch, 1809, abundant. *Edin.*

——— *submersum*? Duddingston Loch. *W. Stables, sp.*

† SEDUM *dasyphyllum*. Colinton Woods, on a dry bank. *W. Brands, sp.*

——— *villosum*. Penecuik Moor. *W. Brands, sp.* Wet places in fields at the base of the Pentland Hills, near Currie. *H. W. sp.* By the sides of rivulets on the Pentland Hills. *Edin.*

RIBES *alpinum*. Dalhousie. *W. Brands, sp.* In an old quarry, in Auchindinny Wood. *H. W. sp.*

† ——— *nigrum*. By the side of the stream in Auchindinny Wood, scarcely to be called indigenous there. *H. W. sp.*

* ——— *rubrum*. Woods on Corstorphine Hill, and other places, probably sown by birds. *H. W.*

* SAXIFRAGA *umbrosa*. Rosslyn, Colinton, and Auchindinny Woods; Corstorphine Hill; banks of a stream above Newbattle. *Edin.*

——— *hypnoides*. Very sparingly on Arthur's Seat, among some loose stones above the Basaltic Columns, perhaps planted; more plentiful on Dalmahoy Hill. *H. W. sp.*

CHRYSOSPLENIUM *alternifolium*. Woodcock Dale. *W. H. Campbell, sp.* Rosslyn Woods. *H. W. sp.* On wet rocks opposite Hawthornden; banks of a small stream near the New Bridge in Rosslyn Woods; banks of the Water of Leith, about two miles above Currie; St. Bernard's Well; Bilston Burn; Newbattle, Arniston, and Auchindinny Woods. *Edin.*

ERYNGIUM *maritimum*. Fisherrow and Musselburgh Links. *Edin.*

? CRITHMUM *maritimum*. Islands in the Forth of Firth; not found in the present day. *Edin.*

ŒNANTHE *Phellandrium*. Ditch opposite Beech Wood, near Corstorphine. *R. Maughan, sp.*

PEUCEDANUM *palustre*. Marsh near Colinton. *Edin.*

* ——— *Ostruthium*. Under Borthwick Castle. *H. W. sp.*

LIGUSTICUM *scoticum*. Back of the Glassworks at Leith. *Edin.*

SILAUS *pratensis*. Marsh near the Roman Camp at Newbattle. *H. W. sp.* Borders of corn-fields near Oxenford Castle. *Edin.*

SIUM *latifolium*. Duddingston Loch. *Edin.*

HELOSCIADIUM *repens*. Near Edinburgh; banks of a pond at Fisherrow. *Edin.*

CICUTA *virosa*. Lochend. *Edin.*

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MYRRHIS *odorata*. By the Firth of Forth, under the wall of Caroline Park. *H. W. sp.* Near Mavisbank; by the Water of Leith, two miles above Currie; Arniston Woods; foot of the Castle-bank, to the north-east. *Edin.*

† CHÆROPHYLLUM *aureum*. Near Corstorphine. *Edin.*

* PETROSELINUM *sativum*. Salisbury Craigs; Craigmillar Castle; old walls at Inverleith; on an old wall at Coltbridge; by the road-side between Colinton and Dreghorn. *Edin.*

* CARUM *Carui*. Rocks on the west side of the Castle. *Edin.*

† SMYRNIUM *Olusatrum*. Craigmillar Castle. *W. Brand, sp.*

? TORILIS *infesta*. Road-sides about Edinburgh, common. *Fl. Scot.* (This locality is inserted in the Flora Scotica, on the authority of Dr. Greville. Some mistake there must be, for no other person appears to have found the plant here.)

* ANTHRISCUS *Cerefolium*. Shore near Caroline Park, introduced with rubbish from the garden, but now thriving luxuriantly. *Excurs.* 1835.

† VIBURNUM *Lantana*. Rosslyn Woods. *Edin.*

APIUM *graveolens*. Ditches behind Musselburgh. *Edin.*

LONICERA *Caprifolium*. Colinton Woods, and Corstorphine Hill. *R. Maughan, sp.*

? CORNUS *suecica*. Pentland Hills, as reported, but there would seem to have been some mistake.

LINNÆA *borealis*. Banks of the Esk at Dalhousie. *Br. Fl.* (This locality is erroneous; but we learn from the *Excursions* that there is another; and however averse to the concealment of botanical stations in general, I must allow it to be justifiable when the herbivorous rapacity of Dr. Graham's regiment of botanists comes in question. *H. W.*)

? GALIUM *erectum*. Fish-wife's Causeway, near Portobello. *Edin.*

——— *pusillum*. Habbie's How, on the Pentland Hills. *Edin.*

* VALERIANA *rubra*. Old walls at Inverleith. *Edin.*

* ——— *pyrenaica*. Dalhousie Woods. *W. Brands, sp.* Colinton Woods. *Edin.*

FEDIA *dentata*. Near Crossgate Toll, three miles south of Musselburgh; fields between Newhaven and Caroline Park; Water of Leith, &c. *Edin.* Fields near the northern end of the Pentland Hills. *H. W. sp.*

TRAGOPOGON *major*? Shore of the Forth, near Caroline Park. *H. W. sp.*

LACTUCA *virosa*. Arthur's Seat. *G. Macnab, sp.* Debris of Salisbury Craigs. *H. W. sp.* Below the Basaltic Columns in the King's Park. *Edin.*

? SONCHUS *palustris*. Lochend. *Edin.* (Is it still there?)

HIERACIUM *sylvaticum*. Habbie's How, on the Pentland Hills; Braid Hills; Arthur's Seat. *Edin.*

——— *paludosum*. Arniston Woods, by the banks of the South Esk, at Temple, about a mile above Arniston; Rosslyn Woods, abundantly. *Edin.*

——— *prenanthoides*. Near Cramond Bridge. *Edin.*

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CNICUS *eriophorus*. By the road-side near Oxenford Castle, and Chesterhall. *Edin.*

——— *heterophyllus*. Auchindinny Woods; *G. N. Lloyd, sp.* Rosslyn Woods; Pentland Hills, near Currie. *Edin.*

ONOPORDUM *Acanthium*. Near Musselburgh. *Edin.*

GNAPHALIUM *dioicum*. Arthur's Seat, towards the back of Salisbury Craigs. *H. W. sp.* Dalmahoy Hill; Pentland Hills. *Edin.*

ASTER *Tripolium*. Morrison's Haven, near Portobello. *Edin.*

SENECIO *viscosus*. Salisbury Craigs and Arthur's Seat. *H. W. sp.* Calton Hill; Blackford Hill; near Newhaven; Figget Whins. *Edin.*

——— *saracenicus*. Banks of the Almond. *W. Brands, sp.* Above Cramond Bridge.

† DORONICUM *Pardalianches*. Rosslyn and Colinton Woods. *Edin.* Dalkeith Park. *Eng. Bot. Supp.*

† ——— *plantagineum*. Dalhousie Woods, apparently wild. *G. Macnab, sp.*

PYRETHRUM *maritimum*. West side of Inchkeith. *H. W.*

CAMPANULA *latifolia*. Rosslyn and Colinton Woods. *Edin.*

——— *Trachelium*. Wood opposite Slateford Bleaching Field. *G. N. Lloyd, sp.*

——— *rapunculoides*. In a corn-field at the foot of Braid Hill, towards Edinburgh. *Edin.*

VACCINIUM *Vitis-Idæa*. Pentland Hills, above Swanston Wood. *Edin.*

——— *Oxycoccos*. Marsh on the Pentland Hills, behind Currie. *Edin.*

PYROLA *rotundifolia*. Auchindinny and Rosslyn Woods. *Edin.*

——— *minor*. Wood above Newbattle Marsh; Auchindinny Wood; Ravelrig Bog, with the Corallorhiza innata, among the willows. *H. W. sp.* Wood half way between the turnpike on the Auchindinny road to Rosslyn; Newhall. *Edin.*

* POLEMONIUM *cæruleum*. Arniston Woods; Blackford Hill. *Edin.*

CUSCUTA *europæa*. On flax, in a field near Musselburgh. *Edin.*

MYOSOTIS *sylvatica*. Hawthornden. *W. Brands, sp.* Rosslyn and Arniston Woods; King's Park. *Edin.*

——— *collina*. Arthur's Seat. *W. Brands, sp.* Salisbury Craigs. *H. W. sp.*

† ANCHUSA *sempervirens*. Ruins of Craigmillar Castle. *H. W. sp.* Dean Banks. *W. Brands, sp.* Banks of the Water of Leith about two miles above Currie. *Edin.*

* PULMONARIA *officinalis*. Dalhousie Woods. *W. Brands, sp.* Arniston Woods, probably introduced. *G. N. Lloyd, sp.* Banks of the North Esk, near Kevock Mill. *Edin.*

SYMPHYTUM *tuberosum*. Dean Bank. *W. Brands, sp.* Woods near Edinburgh. *H. W. sp.* Banks of the North Esk between Mavisbank and Lasswade; Colinton Woods; Stateford; Woodhall; opposite the New Well, at the Water of Leith. *Edin.*

VERBASCUM *nigrum*. Banks of the river Esk, opposite coal-pits, and at Borthwick Castle. *Edin.*

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† ATROPA *Belladonna*. About Borthwick Castle, probably introduced. *H. W. sp.*

LINARIA *repens*. Banks of the Esk above Musselburgh. *Edin.*

* SCROPHULARIA *vernalis*. Old walls near Hatton. *Edin.* (I have a specimen, gathered in a locality shown to me by Mr. G. Lloyd; but this locality being on a heap of garden refuse, just under a garden wall, the plant is scarcely admissible even as a naturalised plant. I am unaware whether there is any other more certain station.) *H. W.*

VERONICA *polita*. Road-side between Braid and Pentland Hills, nearer to the latter. *H. W. sp.*

? MENTHA *rotundifolia*. Near Auchindinny. *Br. Fl.* (This station is not recognised by the Botanical Society.)

† ——— *viridis*. Cairn Hill, near Edinburgh. *Br. Fl.*

† ——— *piperita*. Near Edinburgh. *Edin.*

——— *rubra*. Near Musselburgh. *R. Maughan, sp.*

——— *gentilis*. Banks of the Esk, near Hawthornden. *W. Brands, sp.* Below Hawthornden. *Excurs.*

LAMIUM *maculatum*. Banks of the Esk, above Musselburgh, 1828. *R. Maughan, sp.*

——— *incisum*. Near the Aqueduct. *H. W. sp.* In a field near Newhaven; road-side between Merchiston Castle and Collington. *Edin.*

——— *intermedium*. In several places round Edinburgh. *Excurs.* Field near Craiglochart. *W. H. Campbell, mss.*

GALEOPSIS *Ladanum*. Field near Dalhousie. *W. Brands, sp.* Lime-kilns at the Roman Camp, Newbattle. *G. Lloyd, sp.* Road-side near Oxenford Castle; and at Crossgate Toll. *Edin.*

——— *versicolor*. Corn-field near Braid. *W. Brands, sp.*

STACHYS *ambigua*. Fields near Lasswade; Habbie's How, on the Pentland Hills; fields under the Pentland Hills; fields in Auchindinny Woods. *Edin.*

† LEONORUS *Cardiaca*. Edinburgh. *G. Lloyd, sp.* In a shady walk behind Fisherrow, and in Colinton Woods. *Edin.*

ACINOS *vulgaris*. Roman Camp at Dalkeith. *Excurs.*

LATHRÆA *squamaria*. Arniston Woods. *G. Lloyd, sp.* Dalhousie Woods, under a hawthorn, near the Castle. *H. W. sp.* Wood opposite Melville Castle, near Lasswade, growing under beech trees, along with Mercurialis perennis. Mavisbank, near Lasswade; woods between Auchindinny and Rosslyn; banks of the Esk, near Kevock Mill. *Edin.*

PRIMULA *elatior*. Colinton Woods. *Edin.*

——— *farinosa*. Bridge-house Moor. *W. Brands, sp.* Boggy ground above Woodhouslee. *Edin.*

LYSIMACHIA *thyrsiflora*. Duddingston Loch. *Edin.*

TRIENTALIS *europæa*. Near the Old Reservoir above Colinton, and at Ravelrig. *Excurs.* (Some years ago I saw a specimen, which was supposed to have been gathered in this county; though particular circumstances led to strong suspicions of error, and a belief that the specimen must have come from

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Perthshire. The *Excursions*, however, now confirm the existence of this plant within the county of Edinburgh. Otherwise I should have attached a mark of doubt to it. *H. W.*)

STATICE *Armeria*. Shores of the Forth. *H. W. sp.* Summit of Arthur's Seat. *Edin.*

PLANTAGO *maritima*. Shore near Granton and Caroline Parks; Cramond Island, &c. *H. W.*

LITTORELLA *lacustris*. Pentland Hills, near Currie. *G. Lloyd, sp.*

GLAUX *maritima*. Fisherrow and Musselburgh Links. *Edin.* Shore opposite Cramond Island. *H. W.*

CHENOPODIUM *olidum*. Race Course, Musselburgh. *Edin.* Fisherrow Links. *R. Maughan, sp.*

——— *urbicum*. Rubbish and waste places near towns. *Edin.*

——— *hybridum*. Cultivated fields. *Edin.*

SALSOLA *Kali*. Between Caroline and Cranton Parks; about Musselburgh. *Edin.*

BETA *maritima*. Near Cramond. *Edin.*

? ATRIPLEX *portulacoides*. Coast at Leith. *Edin.*

——— *laciniata*. Shore between Newhaven and Caroline Park; shore near Seafield Baths; Fisherrow and Musselburgh Links. *Edin.*

——— *littoralis*. East of Caroline Park. *Edin.*

* POLYGONUM *Fagopyrum*. Banks of the North Esk, above Lasswade. *R. Maughan, sp.* Arniston Woods. *Edin.*

* RUMEX *scutatus*. Craigmillar Castle. *W. Brands, sp.*

* HIPPOPHAE *rhamnoides*. By the shore of the Forth, near Caroline Park, apparently planted. *H. W. sp.*

EUPHORBIA *Cyparissias*. Edinburgh. *G. Lloyd, sp.* Colinton Woods. *Edin.*

——— *Esula*. Hedge near Duddingston. *W. Brands, sp.*

EMPETRUM *nigrum*. Pentland Hills, above Swanston Wood, and also near Habbie's How. *Edin.*

QUERCUS *sessiliflora*. Rosslyn and Auchindinny Woods. *Edin.*

* CASTANEA *vulgaris*. Colinton Woods. *Edin.*

† CARPINUS *Betulus*. Hedges about Rosslyn. *Edin.*

SALIX *Helix*. Banks of the Stream at Rosslyn. *W. Brands, sp*

——— *Lambertiana*. Banks of the Water of Leith, above Coltbridge; banks of the Esk, above Musselburgh. *Edin.*

——— *triandra*. Near Craigcrook. *Edin.*

——— *decipiens*. Colinton Woods. *Edin.* Wood near Ravelrig Toll. *H. W. sp.*

† ——— *Russeliana*. Planted trees about Newhaven, and other places near Edinburgh. *H. W. sp.* Duddingston Loch. *Edin.*

——— *pentandra*. Banks of the Esk; Water of Leith; at Ravelrig Toll; Rosslyn Woods. *Edin.* Road-side between Pentland and Auchindinny. *H. W.*

——— *nigricans*. Banks of the Esk; Craigcrook.

——— *arenaria*. Banks of the Water of Leith, below Colinton. *R. Maughan, sp.* Colinton Woods, rare. *Edin.*

——— *cinerea*. Bogs on the south side of Dalmahoy Hill; Rosslyn Woods. *Edin.*

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SALIX *Smithiana*. Craigcrook. *G. Lloyd, sp.* Banks of the Esk, above Musselburgh. *Edin.*

* PINUS *sylvestris*. Rosslyn Woods, &c. *Edin.*

* STRATIOTES *aloides*. Duddingston Loch. *H. W. sp.*

? HYDROCHARIS *Morsus-ranæ*. Ditches and lakes, rare. *Edin.*

HABENARIA *chlorantha*. Very common in "subalpine" situations, near Edinburgh. *Excurs.*

LISTERA *cordata*. Ravelrig Bog, in the cluster of willows. *H. W. sp.*

CORALLORHIZA *innata*. Fir-wood at the end of Ravelrig Marsh, very abundant. *J. Macnab, sp.* And among the willows, with Listera cordata. *H. W. sp.*

* IRIS *fœtidissima*. Near the Pentland Hills (Mr. Graves). *Excurs.*

* GALANTHUS *nivalis*. Near Craigmillar Castle. *W. Brands, sp.* Arniston Woods, and in the Park, but very near the House. *H. W. sp.*

† NARCISSUS *Pseudo-Narcissus*. By the side of a wood on Corstorphine Hill. *Edin.*

† CONVALLARIA *majalis*. Colinton Woods, probably introduced. *H. W. sp.* Arniston Woods. *Edin.*

? ALLIUM *carinatum*. A single specimen said to have been found on the south bank of the Water of Leith, above Currie, in July, 1822. *Edin.*

* ORNITHOGALUM *umbellatum*. In a park on the road-side from Edinburgh to Bonnington, probably introduced. *G. Lloyd, sp.*

* TULIPA *sylvestris*. A large patch in a field near Edinburgh. *Excurs.*

SPARGANIUM *natans*. Braid-Hill Marshes; Pentland Hills, near Currie; peat-pits on the south side of Dalmahoy Hill. *Edin.*

POTAMOGETON *rufescens*. Streams on the Pentland Hills. *Edin.*

ZOSTERA *marina*. Shore of the Forth, nearly opposite Cramond Island. *H. W. sp.* Black Rocks at Leith. *Edin.*

LEMNA *trisulca*. Duddingston Loch and Lochend, abundant. *Edin.*

——— *gibba*. Lochend and Duddingston Loch. *Edin.*

BLYSMUS *compressus*. In the marshy ground below Borthwick Castle. *H. W. sp.*

LEOCHARIS *pauciflora*. Hunter's Bog; Leith Links; Pentland Hills. *Edin.*

——— *multicaulis*. Pentland Hills. *Edin.*

——— *acicularis*. About a mile north-west from Lasswade. *Edin.*

ERIOPHORUM *vaginatum*. Pentland Hills, near Currie, and west of Habbie's How, abundant; Dalmahoy Hill; Ravelrig Bog. *Edin.*

? CAREX *Davalliana*. Near Crossgate Toll, three miles south of Musselburgh. *Edin.*

——— *teretiuscula*. Ravelrig Bog. *H. W. sp.* Marshes at the foot of Dundas Hill, near Kirkliston; Pentland Hills; *Edin.*

——— *arenaria*. Shore near Caroline Park. *H. W. sp.* Figget Whins; Fisherrow and Musselburgh Links. *Edin.*

——— *intermedia*. Marshy place on the north side of Arthur's Seat. *H. W. sp.* Marsh between Portobello and Arthur's

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Seat; Hunter's Bog, in the King's Park; banks of Lochend; Braid and Pentland Hills. *Edin.*

CAREX *axillaris.* Near Edinburgh. *G. N. Lloyd, sp.* Banks of the North Esk, above Melville Castle. *Edin.*

——— *strigosa.* Arniston Woods. *Edin.*

——— *speirostachya.* Near Swanston Wood, on the Pentlands. *Dr. Lemann.* (If this be not identical with the following species, I think it will be found to be the same plant as C. distans of Woodforde's Catalogue and the Edinburgh botanists. *

——— *fulva.* "Subalpine" situations, near Edinburgh. *Excurs.*

——— *stricta.* Braid Hill Marshes; banks of the Water of Leith, above Currie. *Edin.*

——— *filiformis.* Ravelrig Bog. *G. Lloyd, sp.*

? AGROSTIS *Spica-Venti.* Rosslyn Woods. *Edin.*

AMMOPHILA *arundinacea.* Sands on the shore about Caroline Park. *H. W. sp.* Portobello; Musselburgh; Figget Whins. *Edin.*

MELICA *nutans.* Hawthornden. *W. Campbell, sp.* By the path side between Rosslyn and Hawthornden. *Edin.*

POA *aquatica.* Water of Leith, near Cannonmills Bridge. *G. Lloyd, sp.* At Bonnington Bridge, on the banks of the Water of Leith; by the same stream about a quarter of a mile below Cannonmills Bridge. *Edin.*

——— *maritima.* Sea-side at Caroline Park. *Edin.*

FESTUCA *bromoides.* Near Edinburgh. *H. W. sp.* Wall-top north of Ravelston, plentifully; frequent on walls about Edinburgh; on the wall by the road-side about half a mile west of Slateford. *Edin.*

——— *Calamaria?* Rosslyn Woods. *J. Macnab, sp.*

BROMUS *arvensis.* Duddingston. *J. H. Balfour, sp.* Field at the end of Duddingston Loch, abundant; also on the side of Braid Hill; near Newhaven; and in other places about Edinburgh. *Excurs.*

——— *racemosus.* North of Edinburgh; Caroline Park. *Edin.*

? ——— *velutinus.* Fields behind the Botanic Garden in Leith Walk; between Edinburgh and Newhaven. *Edin.*

——— *erectus.* King's Park; below Salisbury Craigs. *Edin.*

——— *diandrus.* About Edinburgh, not common. *Edin.*

AVENA *strigosa.* Meadowbank. *Edin.*

——— *pubescens.* Arthur's Seat; Salisbury Craigs; shores of the Firth. *Edin.*

TRITICUM *junceum.* Shore of the Forth, near Cramond. *H. W. sp.* Shore at Caroline and Granton Parks; near Portobello and Musselburgh. *Edin.*

——— *loliaceum.* Abundant on the coast at Caroline Park. *J. Macnab, sp.* Rocks east of Granton; shore at Portobello. *Edin.*

ROTTBOLLIA *incurvata.* Musselburgh Links. *Edin.*

* There is a series of species widely different at the two extremes, yet so gradually approaching to each other, through intermediate degrees, as to make it difficult to draw the lines of distinction; namely, Carex Œderi, flava, fulva, speirostachya, distans, binervis, and lævigata.

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LXVI. LINLITHGOWSHIRE.

AUTHORITY.

Edin.—A Catalogue of Plants growing in the neighbourhood of Edinburgh. Woodforde, 1824.

CRAMBE *maritima.* Shore of the Forth, between Cramond and Queensferry, nearer to the former. *H. W. sp.*

† ERYSIMUM *cheiranthoides.* Very sparingly by the Forth, some miles west of Queensferry, probably brought by coal-vessels, 1831. *H. W. sp.*

SILENE *maritima.* Shore of the Forth near Cramond. *H. W. sp.*

SAGINA *maritima.* Coast near Dalmeny. *G. Macnab, sp.* Queensferry. *Edin.*

† GERANIUM *phæum.* Near Linlithgow. *Edin.*

VICIA *angustifolia.* Dalmeny. *J. H. Balfour, sp.*

ASTRAGALUS *glycyphyllos.* In many places on the coast between Nether Cramond and South Queensferry. *Edin.*

* MEDICAGO *sativa.* Banks of the Union Canal, ten miles from Edinburgh. *R. Maughan, sp.*

* SPIRÆA *salicifolia.* Woods at Newhall, near Queensferry. *H. W. sp.*

SEDUM *villosum.* Near Linlithgow. *Edin.*

MEUM *athamanticum.* West Lothian. *Fl. Scot.*

LIGUSTICUM *scoticum.* Rocks on the shore near Newhall. *H. W.*

† PEUCEDANUM *Ostruthium.* Plantation opposite the house of Black Hall, West Lothian. *Fl. Scot.*

* CARUM *Carui.* Between Newhall and Queensferry. *Edin.*

† LONICERA *Caprifolium.* Hedges near South Queensferry. *R. Maughan, sp.* Hedges at Dalmeny. *Br. Fl.*

† VALERIANA *pyrenaica.* Abercorn Woods. *Edin.*

HIERACIUM *prenanthoides.* Near Cramond Bridge. *Edin.*

PYROLA *minor.* Newhall; woods above South Queensferry. *Edin.*

* POLEMONIUM *cæruleum.* A few miles east from South Queensferry, on the sandy shore. *G. Lloyd, sp.*

PRIMULA *elatior.* Bushy places on the north side of the road, between Cramond Bridge and Queensferry. *H. W.*

LYSIMACHIA *thyrsiflora.* Canal between Edinburgh and Glasgow, in many places, very abundantly. *Excurs.*

PLANTAGO *maritima.* Shore near Queensferry. *H. W.*

CHENOPODIUM *maritimum.* Coast at Dalmeny. *G. Macnab, sp.* And westward of Queensferry. *H. W. sp.*

ATRIPLEX *littoralis.* Shore westward of Queensferry. *H. W. sp.* Below the house of Carriden, in West Lothian. *Fl. Scot.*

BETA *maritima.* Near Cramond. *Edin.*

* ASARUM *europæum.* West Binny, near Linlithgow. *Edin.*

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EUPHORBIA *Esula*. Wood near a rivulet at Abercorn, thirteen miles west of Edinburgh; in a field near West Pilton, seven miles north-west of Edinburgh. *Edin.*

JUNCUS *obtusiflorus*. Ditches in Abercorn Park, near the lower fish-pond, abundant. *Edin.*

BLYSMUS *rufus*. By the Forth, about a mile (two miles, *Edin.*) east of Queensferry. *H. W. sp.*

SCIRPUS *maritimus*. On the coast westward of Queensferry. *H. W. sp.*

ARUNDO *arenaria*. Coast about Newhall and Dalmeny Park. *H. W.*

ROTTBOLLIA *incurvata* (filiformis). Shore of the Forth, some miles westward of Queensferry. *Mr. Gentle, sp.*

TRITICUM *junceum*. Sandy shore, westward of Cramond Isle. *H. W.*

LXVII. FIFESHIRE.

Including Kinross and Clackmannan shires.

AUTHORITY.

Edin.—A Catalogue of Plants growing near Edinburgh. Woodforde, 1824.

THALICTRUM *minus*. North Queensferry; coast west of Kirkcaldy. *Edin.*

——— *majus*. On a hilly slope facing the water, by the road-side, a quarter, or half a mile from North Queensferry. *H. W. sp.*

RANUNCULUS *Flammula* (reptans). By Loch Leven. (Dr. Wight.) *W. H. Campbell, sp.*

ACTÆA *spicata*. Cleish Woods, Kinross-shire. *Br. Fl.*

MECONOPSIS *cambrica*. Cleish Woods. *Fl. Scot.*

EPIMEDIUM *alpinum*. Mr. Arnott, I believe, gathered it at Cleish some years ago. *Graham, Excurs.* (I know not whether "Bandrum," mentioned as a locality, in *Graham's Excursions*, 1835, is within Fifeshire.)

GLAUCIUM *luteum*. Shore near North Queensferry. *Edin.*

LEPIDIUM *latifolium*. By the castle of Weems. *Edin.*

COCHLEARIA *officinalis*. Inchcolm; all along the shore from Burntisland to Aberdour. *Edin.*

CAMELINA *sativa*. Near Inverkeithing. *Edin.*

IBERIS *amara*. Inchcolm. *Excurs.*

? SUBULARIA *aquatica*. Otterston Loch. *Edin.*

† ARABIS *Turrita*. Castle of Cleish. *Fl. Scot.*

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SINAPIS *tenuifolia*. St. David's. *W. H. Campbell, sp.* Near Inverkeithing. *H. W. sp.* Coast between Burntisland and Queensferry. *Edin.*

* ——— *muralis*. North coast of the Forth, introduced with ballast. *W. Brands, sp.* Coast of the Firth of Forth, above Queensferry, in two places. *Excurs.*

BRASSICA *campestris*? Inchgarvie. *W. Brand, sp.*

——— *oleracea*. In many places on Inchcolm. *Edin.*

RESEDA *lutea*. Hills between Pettycur and Burntisland; near Kirkcaldy; near Raith. *Edin.* To the south-west of Newburgh. *Fl. Scot.*

VIOLA *lutea*. Hilly pastures above Burntisland. *H. W. sp.*

DIANTHUS *deltoides*. Rocks near Newburgh. *Fl. Scot.*

LYCHNIS *Viscaria*. Rocks facing the west, a little to the east of Newburgh; glen between Kinross and the Bridge of Earn. *Fl. Scot.*

SILENE *maritima*. Inchcolm; North Queensferry; Pettycur; Kinghorn; shore west of Kirkcaldy. *Edin.*

——— *noctiflora*. Fife. *Excurs.*

——— *nutans*. Hills at North Queensferry. *R. Maughan, sp.*

——— *anglica*. North Queensferry, scarce. *Excurs.* Between Dundee and St. Andrews. *Eng. Fl.* (Is St. Andrews in Fifeshire intended here?)

SAGINA *maritima*. Isle of May, abundant. *Fl. Scot.*

SPERGULA *subulata*. Hills to the west of North Queensferry, near the turnpike. *Edin.* Hills south of Newburgh. *Fl. Scot.*

ARENARIA *marina*. Inverkeithing and Queensferry. *Edin.*

? ——— *tenuifolia*. Near Pettycur Harbour. *Edin.*

——— *fastigiata*. Fifeshire. *Fl. Scot.*

CERASTIUM *tetrandrum*. Inchcolm; Isle of May. *Edin.*

RADIOLA *millegrana*. Kinross-shire. *Fl. Scot.*

LAVATERA *arborea*. Inchgarvie and Mykrick Inch. *Edin.*

† GERANEUM *phæum*. Kankeelour. *Fl. Scot.*

OROBUS *sylvaticus*. Bank to the south-west of Newburgh. *Fl. Scot.*

VICIA *lutea*. Hills near the shore west of Queensferry. *H. W. sp.*

OXYTROPIS *uralensis*. Hilly pasture to the north-westward of Queensferry. *H. W. sp.*

ASTRAGALUS *hypoglottis*. Hills at Queensferry; with a white flower, and a foot high, a little to the west of Kirkaldy, by the sea-side. *Edin.*

——— *glycyphyllus*. Cliffs by the road-side westward of Queensferry. *H. W. sp.*

TRIFOLIUM *scabrum*. Burntisland. *J. H. Balfour, sp.*

——— *ornithopodioides*. Shore near Inverkeithing. *Excurs.*

MEDICAGO *maculata*. Near Aberdour. *J. H. Balfour, sp.* Donibristle Park; coast between Donibristle and Aberdour. *Excurs.*

† SPIRÆA *salicifolia*. Cleish Woods. *Fl. Scot.*

ROSA *spinosissima*. Back of Balnarty Hill. *Fl. Scot.*

RUBUS *carpinifolius*. Fifeshire, and other counties of Scotland. *Eng. Bot. Supp.*

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POTENTILLA *verna*. Hills about Queensferry. *Edin.* Near Newburgh. *Fl. Scot.*

SEDUM *anglicum*. Isle of May. *H. W. sp.*

† RIBES *rubrum*. Culross Woods. *Fl. Scot.*

LIGUSTICUM *scoticum*. In several parts of the coast between Burntisland and Queensferry. *H. W. sp.* Queensferry; Kinghorn; coast between East and West Weems. *Edin.*

CICUTA *virosa*. Otterston Loch, Fifeshire; Pow Mill, Kinross-shire. *Fl. Scot.*

† MYRRHIS *odorata*. Hilly fields above Burntisland. *H. W.* Cleish and Arlary, Kinross-shire. *Fl. Scot.*

† PEUCEDANUM *Ostruthium*. At Milnathort, two miles north from Kinross. *Fl. Scot.*

* PETROSELINUM *sativum*. Coast near Inverkeithing. *H. W. sp.*

SMYRNIUM *Olusatrum*. Sea shore below the old Castle of Ravensheugh, between Dysart and Kirkaldy; by the side of a rivulet at Kinghorn. *Edin.*

FECIA *dentata*. Fields between Queensferry and Inverkeithing, abundant. *Excurs.* Field near Kirkaldy. *Edin.*

VALERIANA *pyrenaica*. "Ditches in the west of Kinross-shire, as at Blair Adam, Cleish, and near Dupplin." *Fl. Scot.*

† DIPSACUS *Fullonum*. At Lord Elgin's Lime-works, near Dunfermline. *Fl. Scot.*

HIERACIUM *Lawsoni*. On the rocks to the westward of Queensferry, just above the turnpike; shady places almost on a level with the sea, between Pettycur and Burntisland. *Edin.*

——— *molle*. Near Inverkeithing (not seen by Dr. Graham). *Excurs.*

——— *amplexicaule*. Kinross-shire. *W. Stables, sp.* Walls of the Castle of Cleish. *Fl. Scot.*

ONOPORDUM *Acanthium*. Weems; between Limekilns and Charlestown. *Edin.*

GNAPHALIUM *dioicum*. Queensferry. *W. Brands, sp.*

——— *gallicum*. Near Newburgh. *Fl. Scot.*

SENECIO *viscosus*. At Leven on the coast near the salt-works; at Dysart by the pier; and at Charlestown, Lord Elgin's lime-works. *Fl. Scot.*

——— *saracenicus*. Near Dumfermline. *Excurs.*

ASTER *Tripolium*. Sea mill-dam, Burntisland Bay; Inverkeithing Bay. *Edin.*

DORONICUM *Paradalianches*. Truly a native of many moist woods in a clay-soil in Forfarshire and Fifeshire. (D. Don.) *Eng. Bot. Supp.*

——— *plantagineum*. Morlit. *Excurs.*

PYRETHRUM *maritimum*. Inchcolm, abundantly. *Edin.*

CAMPANULA *glomerata*. Near Pettycur. *G. Macnab, sp.* Sea-cliffs between Kinghorn and Kirkcaldy. *H. W. sp.* Between Pettycur and Kinghorn, nearest the latter. *Edin.*

——— *latifolia*. Kinross-shire. *Fl. Scot.*

——— *rapunculoides*. Abundant in a field three miles west of

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Kirkcaldy. *G. Macnab, sp.* Cornfields two miles north-west from Kirkcaldy. *Edin.*

CAMPANULA *Trachelium.* Near Donnibristle. *Excurs.*

VACCINIUM *Oxycoccos.* West side of Otterston Loch. *Edin.*

MYOSOTIS *collina?* Queensferry. *H. W. sp.*

LITHOSPERMUM *maritimum.* Near Seafield Tower. *Edin.* Coast near St. Andrew's. *Fl. Scot.*

† ANCHUSA *sempervirens.* Road-sides between Crossgates and Keltie, Kinross-shire. *Fl. Scot.*

SYMPHYTUM *tuberosum.* Cleish. *Fl. Scot.*

† ATROPA *Belladonna.* Crombie Point, near Aberdour. *W. Brands, sp.* Sea-side immediately west of the waggon-road from Limekilns; Inchcolm. *Edin.*

VERONICA *Buxbaumii.* Near Dunfermline; near Inverkeithing. *Excurs.*

LYCOPUS *europæus.* Margins of the Loch of Lindore. *Fl. Scot.*

† LAMIUM *maculatum.* Wood on the estate of Carnock. *Excurs.*

OROBANCHE *rubra.* Near Seafield Tower, between Kirkcaldy and Kinghorn. *Edin.*

PRIMULA *elatior.* Woods about Aberdour. *H. W. sp.* Near Queensferry. *Excurs.*

TRIENTALIS *europæa.* Townhill Wood, Dunfermline. *Excurs.*

STATICE *Armeria.* Inchcolm. *Edin.* Isle of May, and coast of Fife in various places. *H. W. sp.*

LITTORELLA *lacustris.* In a marsh on Dunearn Hill. *Edin.*

GLAUX *maritima.* Queensferry; Burntisland; Pettycur. *Edin.*

SALICORNIA *herbacea.* Inverkeithing Bay. *Edin.*

SALSOLA *Kali.* Inchcolm. *Edin.*

CHENOPODIUM *maritimum.* Inverkeithing. *Edin.*

BETA *maritima.* Shore near Kirkcaldy. *Edin.*

ATRIPLEX *littoralis.* St. David's. *J. H. Balfour, sp.* About Dysart Rock. *Edin.*

——— *laciniata.* Inchcolm. *Edin.*

POLYGONUM *viviparum.* Very sparingly, on a low hill near Queensferry. *H. W. sp.*

RUMEX *maritimus.* Burntisland; between Kinghorn and Pettycur. *Edin.*

† —— *alpinus.* Dollar. *W. C. Trevelyan, mss.*

EMPETRUM *nigrum.* Moors near Lochgelly. *H. W. sp.*

MERCURIALIS *annua.* Burntisland. *Edin.*

* CASTANEA *vulgaris.* Woods at Aberdour. *Edin.*

SALIX *ferruginea.* Fifeshire. *Br. Fl.*

TRIGLOCHIN *maritimum.* Inverkeithing Bay. *Edin.*

ORCHIS *pyramidalis.* On the Fifeshire side of the Frith of Forth, 1834. *Excurs.* (It is a mistake to give this as the first recorded station in Scotland. See the *Flora Scotica*, for a station in Colonsay, on the authority of Lightfoot.)

HABENARIA *albida.* A single plant found on the hills above Queensferry. *Edin.*

MALAXIS *paludosa.* Marshes near St. Andrew's, Fifeshire; rills near the foot of Dunglow, Kinross-shire. *Fl. Scot.*

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CORALLORHIZA *innata*. Near Dunfermline. *W. Brands, sp.*
† IRIS *fœtidissima*. Fordel Woods. (Rev. A. Robertson.) *Excurs.*
† NARCISSUS *Pseudo-Narcissus*. Meadows in the neighbourhood of Culross. *Fl. Scot.*
CONVALLARIA *majalis*. Cleish. *Fl. Scot.*
ALLIUM *arenarium*. Near Aberdour. *J. H. Balfour, sp.* Shore of the Firth, near Donnibristle; Pitreavie, near Dunfermline. *Excurs.*
† —— *oleraceum*. Near St. David's. *Edin.*
GAGEA *lutea*. Auchtertool Linn. *Edin.* Den of Forret, four miles from Cupar. *Fl. Scot.*
† COLCHICUM *autumnale*. "Alloa, the seat of Mr. Erskine." *Fl. Scot.*
TYPHA *angustifolia*. Loch of Lindore, abundantly. *Fl. Scot.*
SPARGANIUM *natans*. Loch on Dunearn Hill. *Edin.*
POTAMOGETON *prælongus*. Near Kirkcaldy. *Excurs.* Loch Leven. *Br. Fl.*
ZOSTERA *marina*. Sea-shore between Burntisland and Pettycur, abundantly. *Edin.*
JUNCUS *maritimus*. St. Andrew's. *Br. Fl.*
SCHŒNUS *nigricans*. Bog near Anstruther. *Edin.*
ELEOCHARIS *acicularis*. Loch Leven, and Loch west of Dunning. *Fl. Scot.*
—— *pauciflora*. Plentiful on the Ochill Hills; Loch Leven and Cleish Hills. *Fl. Scot.*
—— *multicaulis*. Near Dunfermline. *Excurs.*
CAREX *teretiuscula*. North Queensferry. *Edin.*
—— *extensa*. Otterston Loch. *W. Brands, sp.* Near Elie. *G. Macnab, sp.* Near Aberdour. *J. H. Balfour, sp.* Sea-coast between Starley Burn and Aberdour. *Edin.* Coast two miles east of St. Andrew's. *Fl. Scot.*
—— *limosa*. Otterston Loch. *W. Brands, sp.*
—— *stricta*. Marsh a little to the west of Queensferry. *Edin.*
—— *lævigata*. Cardenden, four miles north-west from Kirkcaldy. *Edin.*
† ALOPECURUS *agrestis*. Among rubbish near Alloa, perhaps brought with ballast. *W. Brands, sp.*
—— *fulvus*. Fifeshire. *Fl. Scot.*
PHLEUM *arenarium*. Near Burntisland; between Pettycur and Kirkcaldy. *Edin.*
AMMOPHILA *arundinacea*. Between Burntisland and Pettycur. *Edin.*
* POLYPOGON *monspeliensis*. Rubbish hills, St. David's, found only by Mr. Wallich. *W. Brands, sp.*
POA *aquatica*. Kilmeny. *Fl. Scot.*
—— *maritima*. About Kirkcaldy, at the west end, near the bridge. *Edin.*
—— *distans*. Coast near Aberdour. *H. W. sp.* Inverkeithing. *W. Brands, sp.*
? BRACHYPODIUM *pinnatum*. Near North Queensferry. *Edin.*
BROMUS *secalinus*. Cleish; coast of Fifeshire. *Fl. Scot.*
—— *erectus*. Between Pettycur and Kirkcaldy. *Edin.*
—— *diandrus*. About Kinross. *Br. Fl.*

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* Bromus *rigidus*. On ballast-heaps, St. David's, certainly introduced. *Excurs.*

Avena *pubescens*. Very abundant about Queensferry, a little to the eastward. *Edin.*

Triticum *junceum*. Between Burntisland and Pettycur. *Edin.*

——— *loliaceum*. Burntisland. *J. H. Balfour, sp.* Isle of May. *H. W. sp.* Near Burntisland and Pettycur. *Edin.* North Queensferry. *Excurs.*

† Rottbollia *incurvata*. Ballast-heaps, St. David's, in its recurved form, and probably introduced. *Excurs.*

LXVIII. STIRLINGSHIRE.

The plants of "Ben Lomond," followed by the name of Mr. Joseph Hooker, were received amongst a number of Dunbartonshire plants; but with an intimation that "all the Alpine plants" were from Ben Lomond. As the term *alpine*, however, expresses nothing absolute, it is far from improbable that either too many or too few have thus been separated from the others, and assigned to Ben Lomond. Whether this be the case or not, it is of very little importance in regard to the specimens belonging to the commoner species of the mountain tracts, there being little doubt that they would be found in both counties, if sought for.

Thalictrum *alpinum*. Ben Lomond. *J. Hooker, sp.*

* Epimedium *alpinum*. About the ruins of Mugdock Castle, abundantly. *Glot.*

Nuphar *pumila*. Mugdock Loch, near Glasgow. *Br. Fl.* Loch of Monteith, between the islands and shore. *Fl. Scot.*

Subularia *aquatica*. Loch Lomond, by Inch Tavannoch. *Fl. Scot.*

Cardamine *amara*. In a glen near Mugdock Castle. *Glot.* Stirlingshire, abundant. *G. Macnab, mss.*

† Brassica *oleracea*. Rock of Stirling Castle. *H. W. sp.*

Viola *lutea*. On Cathkin Hills, plentifully. *Glot.*

Silene *acaulis*. Ben Lomond. *J. Hooker, sp.*

Cherleria *sedoides*. Ben Lomond, 1800. *Winch, mss.*

Cerastium *alpinum*. Ben Lomond. *J. Hooker, sp.*

——— *latifolium*. Ben Lomond, very rare. *Br. Fl.*

† Althæa *officinalis*. In a marshy place, Campsie Hills. *Glot.*

* Oxalis *corniculata*. Near Stirling. *Fl. Scot.*

Prunus *Padus*. Banks of the Kelvin. *Glot.*

Rubus *Chamæmorus*. Ben Lomond. *J. Hooker, sp.* On the Campsie Hills. *Glot.*

Sibbaldia *procumbens*. Ben Lomond. *J. Hooker, sp.*

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ALCHEMILLA *alpina*. Ben Lomond. *J. Hooker, sp.*
EPILOBIUM *alpinum*. Ben Lomond. *Winch, add.*
SEDUM *anglicum*. Rocks at Stirling. *Winch, add.* It grows about the Castle, though possibly introduced there. *H. W.*
RHODIOLA *rosea*. Ben Lomond. *J. Hooker, sp.*
SAXIFRAGA *stellaris*. Ben Lomond. *J. Hooker, sp.* Campsie Hills. *Glot.*
——— *nivalis*. Ben Lomond. *J. Hooker, sp.*
——— *oppositifolia*. Ben Lomond. *J. Hooker, sp.*
——— *lætevirens*. Hills to the north of Loch Lomond. *Eng. Fl.*
CICUTA *virosa*. About Mugdock, Bardowie, and Douglaston Lochs. *Glot.* Ditches near Stirling. *Winch, mss.*
SIUM *latifolium*. Forth and Clyde Canal, a little above loch 16, near Falkirk. *R. Maughan, sp.* Forth and Clyde Canal, three miles from Falkirk, towards Glasgow. *Fl. Scot.*
GALIUM *pusillum*. Strathblane Hills, north of Glasgow. *Fl. Scot.*
LACTUCA *virosa*. Rock of Stirling Castle. *G. Macnab, sp.*
HIERACIUM *Lawsoni*. Dry rocks on the ascent to Ben Lomond, from Tarbet, about half-way up. *Fl. Scot.*
† ——— *aurantiacum*. In the fields about Balvie and Dougalston, originally, probably, from a garden. *Glot.*
CNICUS *heterophyllus*. A little way up Ben Lomond. *Eng. Fl.*
SAUSSUREA *alpina*. Ben Lomond. *Winch, mss.*
GNAPHALIUM *dioicum*. Ben Lomond. *J. Hooker, sp.*
——— *supinum*. Ben Lomond. *J. Hooker, sp.* At the top of the Hill. *Fl. Scot.*
† DORONICUM *plantagineum*? Banks of the Carron, near * * * (The name on the ticket is not legible.) Stirlingshire, probably introduced. *G. Macnab, sp.*
† SENECIO *saracenicus*. Border of a field near Mugdock Castle. *Glot.*
† CAMPANULA *Trachelium*. On the walls of Mugdock Castle. *Glot.*
LOBELIA *Dortmanna*. In Bardowie and Mugdock Lochs, plentifully. *Glot.*
VACCINIUM *Vitis-Idæa*. Ben Lomond. *J. Hooker, sp.* Campsie Hills. *Fl. Scot.*
ANDROMEDA *polifolia*. Blair Drummond, near Stirling. *W. Bushman, sp.* (Probably within Perthshire.)
AZALEA *procumbens*. Ben Lomond. *J. Hooker, sp.*
? ANCHUSA *officinalis*. Said to have been found at Kilsyth and Arnbrae. *Br. Fl.*
VERBASCUM *Lychnites*. Rock of Stirling Castle. *H. W. sp.* Back walk at Stirling, called Edmonton's Walk. *Fl. Scot.*
† ATROPA *Belladonna*. King's Park at Stirling. *Fl. Scot.*
† SCROPHULARIA *vernalis*. Stirlingshire, quite wild. *G. Macnab, mss.*
VERONICA *alpina*. Ben Lomond. *Fl. Scot.*
LYCOPUS *europæus*. Banks of the canal, near Grangemouth. *G. Macnab, sp.*
MENTHA *crispa*. Banks of the Carron, three miles above Falkirk. (Mr. Robert Paterson)? sp.
LYSIMACHIA *thyrsiflora*. By the canal, above Grangemouth. *G. Macnab, mss.*

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TRIENTALIS *europæa*. On Ben Lomond, about one mile of the way up. *Fl. Scot.* Tor-wood, Stirlingshire. *G. Macnab, sp.*
LITTORELLA *lacustris*. Bardowie Lochs; pond at Dougalston. *Glot.*
OXYRIA *reniformis*. Ben Lomond. *J. Hooker, sp.*
HABENARIA *albida*. Pastures to the east of Mugdock Castle. *Glot.* Campsie Hills. *Fl. Scot.*
LISTERA *cordata*. Ben Lomond. *Fl. Scot.*
† CONVALLARIA *multiflora*. On the ruins of Mugdock Castle. *Glot.*
SPARGANIUM *natans*. Mugdock Loch, abundantly; pond at Dougalston. *Glot.*
LUZULA *spicata*. Ben Lomond. *J. Hooker, sp.*
JUNCUS *triglumis*. Ben Lomond. *J. Hooker, sp.*
ELEOCHARIS *pauciflora*. Near Mugdock Castle, north of Glasgow; middle of Ben Lomond. *Fl. Scot.*
——— *acicularis*. Plentifully about Bardowie Loch. *Glot.*
CAREX *pulla*. Ben Lomond. *Br. Fl.*
——— *rigida*. Ben Lomond. *H. W. sp.*
——— *speirostachya*. Marshes on the Campsie Hills. *Eng. Bot. Supp.*
AIRA *alpina*. Ben Lomond. *J. Hooker, sp.*
SESLERIA *cærulea*. Plentiful on Ben Lomond. *Fl. Scot.*
POA *alpina*. Ben Lomond. *J. Hooker, sp.*

LXIX. DUMBARTONSHIRE.

TROLLIUS *europæus*. Dumbartonshire. *J. Hooker, sp.* Between Tarbet and Loch Long, on the hills. *H. W.*
* EPIMEDIUM *alpinum*. Mugdock Castle. *J. Hooker, sp.*
CHELIDONIUM *majus* (laciniatum?). Dumbartonshire. *J. Hooker, sp.*
GLAUCIUM *luteum*. On the shore at Helensburgh, plentifully. *Glot.*
CORYDALIS *claviculata*. Dumbartonshire. *J. Hooker, sp.*
LEPIDIUM *Smithii*. Dumbartonshire. *J. Hooker, sp.*
COCHLEARIA *officinalis*. Dumbartonshire. *J. Hooker, sp.*
TURRITIS *glabra*. In the wood opposite the Inn, Bowling Bay, sparingly. *Glot.*
DROSERA *longifolia*. Marshy place at Ardoch Cottage. *Glot.*
——— *anglica*. Glen Fallooch, near the shore of Loch Lomond. *G. Howitt, sp.*
SILENE *maritima*. Dumbartonshire. *J. Hooker, sp.* Banks of the Clyde at Helensburgh. *Glot.*
STELLARIA *nemorum*. Dumbartonshire. *J. Hooker, sp.*
ARENARIA *marina*. Dumbartonshire. *J. Hooker, sp.* Banks of the Clyde, at Helensburgh. *Glot.*
——— *peploides*. Dumbartonshire. *J. Hooker, sp.* Banks of the Clyde from Dumbarton to Ardencaple. *Glot.*

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CERASTIUM *latifolium*. Dumbartonshire, *Boué, Inaug. Diss.*
RADIOLA *millegrana*. On the road-side between Dumbarton and Helensburgh, plentifully. *Glot.*
HYPERICUM *Androsæmum*. Woods of Loch Lomond, southward of Tarbet, in various places. *H. W. sp.*
——— *elodes*. Dumbartonshire. *J. Hooker, sp.*
ONONIS *spinosa*. Dumbartonshire. *J. Hooker, sp.*
VICIA *lathyroides*. Dumbarton Castle. *Fl. Scot.*
PYRUS *pinnatifida*. Dumbartonshire. *J. Hooker, sp.*
DRYAS *octopetala*. Dumbartonshire. *Boué, Inaug. Diss.*
ROSA *tomentosa*. Dumbartonshire. *J. Hooker, sp.*
RUBUS *suberectus*. Dum artonshire. *J. Hooker, sp.*
——— *saxatilis*. Dumbartonshire. *J. Hooker, sp.* Hills near Tarbet. *H. W.*
——— *Chamæmorus*. Dumbartonshire. *Boué, Inaug. Diss.*
CIRCÆA *alpina*. Dumbartonshire. *J. Hooker, sp.* In Ardencaple Wood. *Glot.*
SEDUM *villosum*. About Balvie, plentifully. *Glot.*
——— *anglicum*. Helensburgh. *J. Hooker, sp.* On the rock of Dumbarton Castle; rocks opposite the Inn, Bowling Bay; walls about Helensburgh. *Glot.* Occasionally on the road-side between Luss and Tarbet, and about the head of Loch Long. *H. W.*
SAXIFRAGA *stellaris*. Dumbarton Moors. *Glot.* Hills near Tarbet. *H. W.*
——— *aizoides*. Dumbartonshire. *J. Hooker, sp.* Hills about Tarbet, and descending almost to the level of Loch Lomond. *H. W.*
CICUTA *virosa*. Dumbartonshire. *J. Hooker, sp.* Loch near New Kilpatrick. *Glot.*
CARUM *verticillatum*. Banks of the Gare Loch. *G. Macnab, sp.* Abundant at Luss; banks of the Clyde from Bowling Bay to Helensburgh, plentifully. *Glot.*
MEUM *athamanticum*. About Balvie. *Glot.* Loch Lomond. *Fl. Scot.*
PEUCEDANUM *palustre*. In a ditch in Ardencaple Wood. *Glot.*
——— *Ostruthium*. Banks of the Clyde, in several places, particularly about Ardencaple. *Glot.* Edge of a wood on the side of Gare Loch, sparingly. *Fl. Scot.*
OENANTHE *pimpinelloides*. Dumbartonshire. *J. Hooker, sp.* On the banks of the Clyde at Bowling Bay, with the *fistulosa*; below Dumbarton. *Glot.*
† MYRRHIS *odorata*. About Milngavie and Balvie, common. *Glot.*
GALIUM *boreale*. Banks of the Clyde, in many places, as Bowling Bay, &c. *Glot.*
* HIERACIUM *aurantiacum*. In the fields about Balvie and Dougalston, probably originating from some garden. *Glot.*
——— *sylvaticum*. (pictum). Luss River. *Fl. Scot.*
——— *denticulatum*? Dumbartonshire. *J. Hooker, sp.* (Perhaps H. subaudum.)
——— *molle*. Lower fall of the Tummel, Glen Luss. *Fl. Scot.* (I know not whether the river Tummel or Tumel, in Perth-

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shire, or the small stream at Luss, in Dumbartonshire, is intended here.)

HIERACIUM *paludosum*. Dumbartonshire. *J. Hooker, sp.*

CNICUS *heterophyllus*. Dumbartonshire. *J. Hooker, sp.*

——— *eriophorus*. Dumbarton Castle? *Fl. Scot.*

GNAPHALIUM *dioicum*. Hilly pastures, Cathkin and Balvie, plentifully. *Glot.*

SENECIO *viscosus*. Dumbartonshire. *J. Hooker, sp.*

ASTER *Tripolium*. Dumbartonshire. *J. Hooker, sp.* Banks of the Clyde, from Dumbarton to Ardencaple, abundantly. *Glot.*

PYRETHRUM *maritimum*. Dumbartonshire. *J. Hooker, sp.*

ACHILLÆA *tomentosa*. On Spittal Hill to the north-west of Balvie. *Glot.*

LOBELIA *Dortmanna*. Dumbartonshire. *J. Hooker, sp.* Loch Lomond. *H. W.*

CAMPANULA *latifolia*. Dumbartonshire. *J. Hooker, sp.*

VACCINIUM *Vitis-Idæa*. Cardross. *J. Montgomery, mss.*

AZALEA *procumbens*. Dumbartonshire. *Boué, Inaug. Diss.*

ANCHUSA *sempervirens*. Dumbartonshire. *J. Hooker, sp.*

VERBASCUM *Lychnites*. In a lane leading from the Glass-work to the Clyde, Dumbarton. *Glot.*

BARTSIA *viscosa*. Banks of the Gare Loch. *W. Brands, sp.* Gare Loch, below Helensburgh; in a field opposite the Hill of Dumbuck, near Dumbarton. *Fl. Scot.* Banks of the Clyde at Ardoch Cottage; abundantly behind the Inn, Ardencaple. *Glot.*

VERONICA *polita*. Dumbartonshire. *J. Hooker, sp.*

MENTHA *piperita*. Dumbartonshire. *J. Hooker, sp.*

GALEOPSIS *versicolor*. Dumbartonshire. *J. Hooker, sp.*

LAMIUM *incisum*. Dumbartonshire. *J. Hooker, sp.*

STACHYS *ambigua*. Helensburgh. *J. Hooker, sp.*

SCUTELLARIA *minor*. Dumbartonshire. *J. Hooker, sp.* Bog between Luss and Helensburgh. *Br. Fl.*

UTRICULARIA *minor*. In the Loch at New Kilpatrick. *Glot.*

ANAGALLIS *cærulea*. Dunglass, on the Clyde. *Fl. Scot.*

LYSIMACHIA *thyrsiflora*. Near Ross-dhu, by Loch Lomond. *Br. Fl.*

STATICE *Armeria*. Dumbartonshire. *J. Hooker, sp.* Banks of the Clyde, from Bowling Bay to Ardencaple. *Glot.*

PLANTAGO *maritima*. Dumbartonshire. *J. Hooker, sp.* On dry banks near Helensburgh. *Glot.* By Loch Lomond. *Br. Fl.*

LITTORELLA *lacustris*. Dumbartonshire. *J. Hooker, sp.*

GLAUX *maritima*. Dumbartonshire. *J. Hooker, sp.* Banks of the Clyde, from Dumbarton to Bowling Bay. *Glot.*

SALICORNIA *herbacea*. Dumbartonshire. *J. Hooker, sp.* On the shore at Helensburgh. *Glot.*

CHENOPODIUM *maritimum*. Dumbartonshire. *J. Hooker, sp.* Banks of the Clyde, at Helensburgh and Ardencaple. *Glot.*

ATRIPLEX *portulacoides*. }
——— *laciniata*. } On the shore, Helensburgh. *Glot.*

† RUMEX *alpinus*. Road-side from Helensburgh to the head of the

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Gare Loch; and in two or three stations in that neighbourhood; Glen Luss. *Br. Fl.*

EMPETRUM *nigrum*. Moors, Cathkin and Helensburgh. *Glot.*

SALIX *vitellina*. Near Dumbarton (the fertile plant). *Fl. Scot.*

TRIGLOCHIN *maritimum*. Bowling Bay. *J. Hooker, sp.* Banks of the Clyde, at Kilpatrick. *Glot.*

HABENARIA *albida*. Hill-side above Arroquhar. *H. W. sp.*

ZOSTERA *marina*. Dumbartonshire. *J. Hooker, sp.* Thrown on the shore, by the tide, at Helensburgh. *Glot.*

SPARGANIUM *natans*. Ditch leading into the loch at New Kilpatrick. *Glot*

BLYSMUS *rufus*. Dumbartonshire. *J. Hooker, sp.* Boggy place on the bank of the Clyde at Kilpatrick, and Bowling Bay. *Glot.*

——— *compressus*. Dumbarton Castle, by the river side. *Fl. Scot.*

RHYNCOSPORA *alba*. Dumbartonshire. *J. Hooker, sp.*

ERIOPHORUM *vaginatum*. Dumbartonshire. *J. Hooker, sp.*

SCIRPUS *maritimus*. Banks of the Clyde from Dumbarton to Bowling Bay, plentifully. *Glot.*

ELEOCHARIS *pauciflora*. Dumbartonshire. *J. Hooker, sp.* Moors above Dumbarton. *Glot.*

CAREX *arenaria*. On the banks of the Clyde, between Old Kilpatrick and Helensburgh. *Glot.*

——— *depauperata*. In a small wood near Balvie. *Glot.*

——— *speirostachya*. At Mugdock Castle, nine miles north of Glasgow. *Eng. Fl.*

——— *limosa*. Dumbartonshire. *J. Hooker, sp.*

POA *maritima*. Dumbartonshire. *J. Hooker, sp.*

FESTUCA *bromoides*. Dumbartonshire. *J. Hooker, sp.*

——— *calamaria*. Dumbartonshire. *Fl. Scot.*

LXX. ARGYLESHIRE.

Including the adjacent Isles from Arran to Mull.

THALICTRUM *alpinum*. On the moors northward of Loch Eil, and on Ben Buich, above the head of Loch Fine. *H. W. sp.*

——— *minus*. Kilchomin, in Isla, and at Icolmkill. *Fl. Scot.*

NUPHAR *pumila*. In a pool near the farm of Corrie Chastel, at the foot of Ben Cruachan; Loch Duble, near Inverary. *Fl. Scot.*

GLAUCIUM *luteum*. Argyleshire. *J. Hooker, sp.* Arran, abundant, *Fl. Scot.*

CRAMBE *maritima*. Isla. *Fl. Scot.*

COCHLEARIA *officinalis*. Argyleshire. *J. Hooker, sp.*

——— *anglica*. Rocks of Icolmkill. *Fl. Scot.*

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Cochlearia *danica*. Arran. *Fl. Scot.*
* Camelina *sativa*. Appin. *Fl. Scot.*
Subularia *aquatica*. Loch Awe. *Winch, add.*
* Isatis *tinctoria*. Beach at Dunoon. *Br. Fl.*
Draba *incana*. Isla. *Fl. Scot.*
Arabis *petræa*. Ben More, in Mull. *Fl. Scot.*
* Erysimum *cheiranthoides*. At the head of Loch-na-Gaul, in Mull. *Fl. Scot.*
Brassica *monensis*. Bute. *J. Hooker, sp.* Bute, south of Mount-stewart; on the west side of Arran; Lamlash Bay; west side of Cantire. *Fl. Scot.* Lorn. *Br. Fl.*
——— *campestris*. Corn-fields in Bute and Arran; Appin. *Fl. Scot.*
Raphanus *maritimus*. On the beach in the Isle of Bute. *Fl. Scot.*
Drosera *anglica*. Abundant in Arran. *Fl. Scot.* Mull. *H. W. sp.?*
Viola *lutea*. Isle of Arran. *Br. Fl.*
Silene *acaulis*. Glencoe. *G. Gordon, mss.* Locheil Moors. *H. W.*
——— *maritima*. North shore of Loch Eil. *H. W.*
Cherlerea *sedoides*. On Ben Achalader, in the Braes of Glenurchay. *Fl. Scot.*
Radiola *millegrana*. Argyleshire. *J. Hooker, sp.* About Loch Ransa, in Arran; Icolmkill. *Fl. Scot.*
Hypericum *Androsæmum*. At Inverary; Loch Ransa, in Arran. *Fl. Scot.* Woods, on the north shore of Loch Long. *Winch, mss.* Glencoe; sides of Loch Long, and Crinan Canal. *Anderson's Guide.*
——— *elodes*. Argyleshire. *J. Hooker, sp.* Islay; at Loch Ransa, and along the valley to Brodie, in Arran. *Fl. Scot.* Roseneath. *Anderson's Guide.*
Geranium *sanguineum*. Iona. *Fl. Scot.*
† ——— *pyrenaicum*. Near Rothesay, Isle of Bute. *Fl. Scot.*
——— *sylvaticum*. Banks of the Urchay, near Dalmally. *H. W.*
Oxytropis *uralensis*. Upon Carn-dearg, one of the lower heads of Ben Sguilert, a high mountain of Glen Creran, in Upper Lorn. *Fl. Scot.*
Lathyrus *sylvestris*. Bennan Head, Arran. *Br. Fl.*
Rubus *suberectus*. Upper end of Loch Fine, and between that and Loch Goyle. *H. W. sp.* Woods at Inverary; banks of Loch Duble, two miles from Inverary. *Fl. Scot.*
? ——— *arcticus*. Rocky parts in the Isle of Mull. (Dr. Walker.) *Fl. Scot.*
Dryas *octopetala*. Upon Carn-dearg, in Glen Creran; near the top of Malmore, in Glencoe. *Fl. Scot.*
Alchemilla *alpina*. Cona Water, in Glencoe. *G. Gordon, mss.* By the road-side, in Glencoe, and between Inveroran and Tyndrum; also on the hills, as the Locheil Moors. *H. W.*
Rosa *cæsia*. Taynuilt, in Mid-Lorn. *Fl. Scot.* Highland valleys of Argyleshire. *Br. Fl.*
——— *involuta*. Hebrides, and Western Highlands of Scotland; near Meggarnie, in Glen Lyon; Isle of Arran. *Br. Fl.*

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ROSA *Sabini* (Doniana). Isla, Morvern, and elsewhere in the Highlands. *Br. Fl.* (The Rev. Dr. Walker gives these localities for R. involuta, but according to Sir W. J. Hooker, the present species was probably intended.

PYRUS *pinnatifida.* In rocky situations on Cairn-na-Callich, and other mountains at the north end of Arran. *Eng. Fl.*

CIRCÆA *alpina.* Argyleshire. *J. Hooker, sp.* Road-side by Loch-Leven, near Ballahulish. *H. W.*

COTYLEDON *Umbelicus.* Near Rothesay. *J. H. Balfour, sp.* Drummadoon, west side of Arran; Craig of Ailsa; ruins of Icolmkill. *Fl. Scot.*

SEDUM *anglicum.* Argyleshire; probably from the head of Loch Long. *H. W. sp.*

RHODIOLA *rosea.* Glencoe. *G. Gordon, mss.* Locheil Moors. *H. W.*

RIBES *nigrum.* Wood on the bank of the Sound of Islay, with R. rubrum. *Fl. Scot.*

——— *rubrum.* Islay, among brushwood on the banks of the Sound. *Fl. Scot.*

SAXIFRAGA *stellaris.* Goat-fell, in Arran. *Fl. Scot.* Glencoe. *G. Gordon, mss.* Locheil Moors. *H. W.* Ben Bowie, near Inverary. *J. Montgomery, mss.*

——— *aizoides.* Argyleshire. *J. Hooker, sp.* Locheil Moors; Glencoe; road-side between Inveroran and Tyndrum. *H. W.*

† CARUM *Carui.* Isle of Oronsay. *Fl. Scot.*

DAUCUS *maritimus.* Isle of Lismore. *Br. Fl.*

PEUCEDANUM *Ostruthium.* Near Mountstewart, Isle of Bute. *Fl. Scot.*

ŒNANTHE *pimpinelloides.* Arran. *Eng. Fl.*

TORILIS *infesta.* Isle of Lismore, near Upper Lorn. *Fl. Scot.*

ERYNGIUM *maritimum.* Mackrianish Bay, in Cantire; Iona; Bute, near Mountstewart. *Fl. Scot.* Arran. *Boué, Inaug. Diss.*

GALIUM *boreale.* Banks of the Clyde, and in Arran. *Fl. Scot.*

? RUBIA *peregrina.* "Surely Dr. Mitchell must be mistaken in saying that this is 'plentiful all over the sandy islands of the west of Scotland.'" *Br. Fl.* (Some species of Galium may have been mistaken for it.)

HIERACIUM *alpinum.* Near the summits of Highland mountains, as in Glencoe; on Ben Arthur, opposite Arroquhar. *Fl. Scot.* Locheil Moors. *H. W.*

——— *Lawsoni.* Foot of Ben Cruachan; rock in Corrie Cruachan. *Fl. Scot.*

——— *sylvaticum.* (pictum). Fall of the Aray, two miles above Inverary. *Fl. Scot.*

SAUSSUREA *alpina.* Glenurchay; Ben Arthur, by Arroquhar. *Fl. Scot.*

CNICUS *eriophorus.* Appin. *Fl. Scot.*

——— *heterophyllus.* By the stream, on the south side of the Caledonian Canal, a little above the lochs called 'Neptune's Staircase.' *H. W.*

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? CNICUS *pratensis*. "Moist pastures in Loch-na-daal,¶ Isla. *Dr. Walker*. I think *Mr. Murray* brought an indifferent specimen of it from Arran." *Fl. Scot.* (These localities require more direct confirmation. It is not a northern plant.)

APARGIA *Taraxaci*. Cona Water, in Glencoe. *G. Gordon, mss.*

GNAPHALIUM *dioicum*. Argyleshire. *J. Hooker, sp.* Near Neptune's Staircase. *H. W.*

——— *supinum*. Locheil Moors. *H. W.*

ASTER *Tripolium*. Argyleshire. *Boué, Inaug. Diss.*

ANTHEMIS *nobilis*. Isles of Bute and Cambray. *Anderson's Guide.*

PYRETHRUM *maritimum*. Isle of Staffa. *H. W. sp.* Isle of Bute, and west side of Cantire, between Mackrianish and Barr; Appin; side of West Tarbet Loch, and near Ballahulish. *Fl. Scot.*

CAMPANULA *latifolia*. Glengarnoch. *J. Montgomery, mss.*

LOBELIA *Dortmanna*. Glencoe. *G. Gordon, mss.*

VACCINIUM *Vitis-Idæa*. Hills about Loch Eil, Loch Fine, &c. *H. W.*

——— *uliginosum*. Locheil Moors; on the hill to the north of Dunaquoich, by Inverary. *H. W. sp.*

ARBUTUS *alpina*. Locheil Moors. *H. W.*

——— *Uva-Ursi*. Locheil Moors. *H. W.* In the Isle of Mull, at the end next Icolmkill, for the space of several miles. *Eng. Fl.*

AZALEA *procumbens*. Locheil Moors. *H. W.* Ben Cruachan. *Fl. Scot.*

PYROLA *media*. By the stream, on the contrary side of the Caledonian Canal, from the Neptune Inn, and nearly opposite to the Inn. *H. W. sp.* Near Tobermory, in the Isle of Mull. *G. Gordon, sp.*

——— *minor*. Near Tobermory. *G. Gordon, sp.*

——— *secunda*. Between Ballahulish and Appin House in Upper Lorn. *Fl. Scot.*

ERYTHRÆA *latifolia*. Isle of Staffa. *Br. Fl.*

CONVOLVULUS *Soldanella*. West coast of Cantire, between Mackrianish and Barr; Isle of Oronsay, plentifully. *Fl. Scot.*

† ANCHUSA *sempervirens*. At Inverary. *Eng. Fl.*

LITHOSPERMUM *maritimum*. Argyleshire. *J. Hooker, sp.* Bute, Arran, &c. *Fl. Scot.*

ATROPA *Belladonna*. Ruins of Iona. *Anderson's Guide.*

BARTSIA *viscosa*. About Loch Goyle, near Loch Long. *Fl. Scot.*

? VERONICA *fruticulosa*. "Mr. Don supposes Mr. Walker gathered it on Ben Cruachan." *Fl. Scot.*

LYCOPUS *europæus*. Upper end of Loch Goyle, and by the north side of Loch Eil. *H. W. sp.* Arran. *Fl. Scot.* Bute; Cambray. *Anderson's Guide.* Bunawe. *Winch, add.*

MENTHA *gentilis*. Bank of a rivulet running into Loch Ransa, in Arran. *Fl. Scot.*

AJUGA *pyramidalis*. Appin. *Fl. Scot.*

GALEOPSIS *versicolor*. Locheil. *G. Gordon, mss.*

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STACHYS *ambigua*. Banks of Loch Duble, near Inverary; and woods at Inverary. *Fl. Scot.*

LATHRÆA *squamaria*. Morvern, in the Sound of Mull. *Fl. Scot.*

OROBANCHE *rubra*. Staffa. *H. W. sp.*

PINGUICULA *lusitanica*. Argyleshire. *J. Hooker, sp.* Bute; Arran; Mull. *Fl. Scot.*

UTRICULARIA *intermedia*. Near Bunawe. *Winch, add.*

TRIENTALIS *europæa*. Loch Ransa, Arran. *Fl. Scot.*

PLANTAGO *maritima*. Argyleshire. *J. Montgomery, mss.* West end of Caledonian Canal. *H. W.*

GLAUX *maritima*. Arran. *Boué, Inaug. Diss.*

CHENOPODIUM *maritimum*. North side of Loch Eil. *H. W.*

POLYGONUM *aviculare* (var. maritimum.) Arran. *Br. Fl.*

OXYRIA *reniformis*. Road-side in Glencoe, and between King's House and Inveroran; also on the mountains, in many places. *H. W. sp.*

EMPETRUM *nigrum*. Locheil Moors; near King's House; Inveroran, &c. *H. W.*

? SALIX *myrsinites*. Mountains of Glencoe. *Fl. Scot.*

——— *procumbens*. Glencoe. *Br. Fl.* (It would appear from the British Flora, that this species was intended in the station given for the preceding, in *Flora Scotica*.)

——— *herbacea*. Locheil Moors and Ben Buich. *H. W. sp.*

ORCHIS *pyramidalis*. In dry pastures, very rare, as near Kiloran, in the island of Colonsay. *Lightfoot's Fl. Scot.* (In two or three periodicals, this has been lately noticed as a species new to Scotland. Hooker has the locality "Thiloran.")

HABENARIA *albida*. Glencoe. *G. Gordon, mss.* Appin. *Fl. Scot.*

LISTERA *cordata*. Plentiful on the north-east side of Barrone Hill, Bute. *Fl. Scot.*

? EPIPACTIS *ensifolia*. Arran. *Anderson's Guide.* (Is not the following species intended?)

——— *grandiflora*. At Loch Ransa, in Arran; Appin. *Fl. Scot.*

† NARCISSUS *Pseudo-narcissus*. Wood at Dunoon. *Fl. Scot.*

SCILLA *verna*. Iona and Staffa, abundantly. *Fl. Scot.*

ALLIUM *Schœnoprasum*. Nether Lorn. *Fl. Scot.*

* ORNITHOGALUM *umbellatum*. Argyleshire. *J. Hooker, sp.*

SPARGANIUM *natans*. In a pond on the north side of the Caledonian Canal, immediately north-eastward of Neptune's Staircase. *H. W. sp.*

ZOSTERA *marina*. Shore at Inverary. *Winch, add.*

LUZULA *spicata*. Ben Cruachan. *Winch, add.* Ben Buich. *H. W.*

JUNCUS *triglumis*. Ben Cruachan. *Winch, add.* Ben Buich. *H. W.*

——— *biglumis*. Goat Hill, in Arran. *Fl. Scot.*

ERIOPHORUM *vaginatum*. Appin. *Fl. Scot.*

SCIRPUS *maritimus*. Arran. *J. Hooker, sp.*

RHYNCOSPORA *alba*. Near Bunawe. *Winch, add.*

ELEOCHARIS *pauciflora*. Ben Cruachan. *Winch, add.*

BLYSMUS *rufus*. Arran. *J. Hooker, sp.* Mull. *Fl. Scot.*

——— *compressus*. By the sides of Lochs in Islay. *Fl. Scot.*

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SCHŒNUS *nigricans*. Bute. *J. Hooker, sp.* Locheil Moors, at about 400 yards above Loch Eil; the highest station in which I have observed it. *H. W.*

CAREX *pauciflora*. Argyleshire. *J. Hooker, sp.* Bogs half way up Goat Fell, in Arran, in the ascent from Brodrick Castle. *Fl. Scot.*

——— *arenaria*. Argyleshire. *J. Hooker, sp.*

——— *pulla*. Ben Buich, near the head of Loch Fine. *H. W. sp.*

——— *limosa*. Appin. *Fl. Scot.*

——— *Pseudo-Cyperus*. Islay. *Fl. Scot.*

——— *rigida*. Locheil Moors; Ben Buich. *H. W.*

AMMOPHILA *arundinacea*. Cantire. *Fl. Scot.*

AIRA *alpina*. Viviparous on Ben Cruachan. *Br. Fl.*

CALAMAGROSTIS *Epigejos* "of British Flora." Mac Lean of Coll's woods, near Tobermory. *G. Gordon, mss.*

MELICA *nutans*. Lord Breadalbane's woods, Armaddy, in Nether Lorn. *Fl. Scot.*

AVENA *planiculmis*. Glen Sannox, on the ascent of Goat Fell from Loch Rannoch, Isle of Arran. *Br. Fl.*

ELYMUS *arenarius*. Locheil. *G. Gordon, mss.* Isle of Bute. *Eng. Fl.*

TRITICUM *junceum*. Bute; west coast of Cantire; Oransay; Icolmkill. *Fl. Scot.*

LOLIUM *temulentum*. Near Rothesay in Bute. *R. Maughan, sp.*

LXXI. PERTHSHIRE.

THALICTRUM *alpinum*. Ben Lawers, and neighbouring mountains, in plenty. *H. W. sp.*

——— *minus*. Pastures at Loch Rannoch. *Fl. Scot.*

TROLLIUS *europæus*. South side of Loch Tay, between Cloichern and Finglen. *H. W. sp.*

CORYDALIS *claviculata*. Tops of cottages, entrance of Glen Lyon. *W. Brands, sp.*

DRABA *verna* (β). On rocks near the lake upon Ben Lawers. *Hooker, sp.*

——— *incana*. Rocks near the lake and near the summit of Ben Lawers, and on the Killin Mountains.* *H. W. sp.* Craig-na-cailleach. *Fl. Scot.*

——— *rupestris*. Rocks almost at the summit of Ben Lawers. *H. W. sp.*

* There are several heads or summits of the mass of mountains, on the north side of Loch Tay, between Ben Lawers and Killin, to which I am unable to assign their individual names, as Craig-Chailleach, Mael Greadha, Mael Duncrosk, &c.; and hence they are here called "Killin Mountains."

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TEESDALIA *nudicaulis*. Auchterarder. *Fl. Scot.*

LEPIDIUM *Smithii*. In Perthshire, near the seat of the earl of Kinnoul; and by the river Earn. *Eng. Fl.* Road-side near Perth. *H. W.*

COCHLEARIA *officinalis*? Ben Lawers and Killin Mountains; but whether this or C. danica I can scarcely say. *H. W. sp.*

SUBULARIA *aquatica*. Loch of Lubnaig, at the foot of Ben Ledi. *W. Brands, sp.* Loch Tay; Loch of Clunie. *Fl. Scot.*

DENTARIA *bulbifera*. Near Dupplin. *Br. Fl.*

ARABIS *petræa*. Near the summit of Craig-Chailleach. *Fl. Scot.* Ben More. *Winch, add.*

RESEDA *lutea*. Carse of Gowrie. *Fl. Scot.*

VIOLA *lutea*. Fields by the Dochart, near Killin, and on the mountains about Loch Tay. *H. W.*

DIANTHUS *Armeria*. Carse of Gowrie. *W. Brands, sp.* Leetown in the Carse of Gowrie. *Br. Fl.*

SILENE *anglica*. Near Perth. *Br. Fl.*

——— *acaulis*. Ben Lawers and adjacent mountains, in plenty. *H. W. sp.*

LYCHNIS *Viscaria*. Den of Balthayock. *Fl. Scot.*

ELATINE *hexandra*. Near Callander. *J. Macnab, sp.* Loch Ruisky, near Callander. *Br. Fl.*

CHERLERIA *sedoides*. In some plenty on Ben Lawers and Killin Mountains. *H. W. sp.* Ben Teskerney and Ben Challum, in Breadalbane; Mael-grea and Malnantarmonach, between Breadalbane and Glen Lyon. *Fl. Scot.*

SPURGULA *saginoides*. Ben Lawers, and Killin Mountains. *H. W. sp.* Mael Chyrdy. *Fl. Scot.* Craig Calliach, &c. not uncommon. *Bot. Misc.*

——— *subulata* Craig Rossie, one of the Ochils, plentiful. *Fl. Scot.*

STELLARIA *scapigera*. Hills to the north of Dunkeld. *Fl. Scot.*

——— *cerastoides*. Mountains above Killin. *Fl. Scot.*

ARENARIA *rubella*. Killin Mountains, in two places, probably one of them on Craig-Chailleach; as the Dryas grew within a few yards. *H. W. sp.* Near the summit of Ben Lawers. *Eng. Fl.* Mael Greadha, very sparingly; rather plentiful on the east side of Craig Calliach; at a considerable distance below the summit of Ben Lawers, towards the south-west. *Bot. Misc.*

——— *verna*. Mael Dun-crosk, a very small distance from Craig Calliach; where, at nearly the same elevation, A. rubella occurs, but not A. verna. *Bot. Misc.*

CERASTIUM *alpinum*. Ben Lawers; Ben More; Killin Mountains. *H. W. sp.*

——— *latifolium*. Ben Lawers, above the lake. *H. W. sp.* Ben Voirlich. *Fl. Scot.*

RADIOLA *millegrana*. Near Loch Tummel. *W. Brands, sp.* Clunie. *Fl. Scot.*

* TILIA *grandifolia*. Blair in Athol. *Br. Fl.*

GERANIUM *sylvaticum*. In many places about Loch Tay, and the va-

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riety with sterile anthers and small petals, near Finlaring, by Loch Tay. *H. W. sp.*

GERANIUM *pyrenaicum*. Hill of Kinnoul. *Fl. Scot.*

——— *sanguineum*. Banks of Loch Rannoch. *Fl. Scot.*

† HYPERICUM *barbatum*. By the side of a hedge, near the wood of Aberdalgy in Strath-earn. *Eng. Fl.* Woods near Aberdalgy in Strath-earn. *Fl. Scot.*

——— *dubium*. Woods of Kippen Ross, near Dunblane. *Fl. Scot.*

ASTRAGALUS *hypoglottis*. Hill of Moncrief, near Perth; dry ground near York Cascade, at the Duke of Athol's, Blair; banks of the Tay near Delvine; hill of Kinnoul, by Perth. *Fl. Scot.* Tay-side, six miles below Dunkeld. *Anderson's Guide.*

VICIA *lathyroides*. Hill of Kinnoul, by Perth. *Fl. Scot.*

RUBUS *suberectus*. Breadalbane. *H. W. sp.*

——— *saxatilis*. Moness. *Winch, mss.*

——— *Chamæmorus*. Ben Lawers, particularly near the lake; Ben More; Killin Mountains. *H. W. sp.*

? ——— *arcticus*. High regions of Ben-y-glo, Blair. *Fl. Scot.*

POTENTILLA *argentea*. Near Perth. *H. W. sp.* Den of Bethaick, near Perth; Craig-end, between Perth and the Bridge of Earn. *Fl. Scot.*

——— *alpestris*. Ben Lawers, about the lake; Killin Mountains. *H. W. sp.*

——— *opaca*. Braes of Balquidder. *Fl. Scot.*

DRYAS *octopetala*. Craigalleach. *Hooker, sp.* Killin Mountains, probably the same locality. *H. W. sp.* Glen Tilt. *W. Brands, sp.* Rather plentiful upon Craig Calliach. *Bot. Misc.*

SIBBALDIA *procumbens*. Near the summit of Ben More; Killin Mountains; Ben Lawers. *H. W. sp.*

ALCHEMILLA *alpina*. Road-side in Glen Shee, descending almost to Caldy Bridge; near the bridge at Killin, on the rocks in the bed of the Dochart; and thence ascending the hills to a great height, as on Ben More, Ben Lawers, and the Killin Mountains. *H. W. sp.*

ROSA *involuta*. Near Meggarnie, in Glen Lyon. *Br. Fl.*

——— *Sabini*. Dunkeld. *Fl. Scot.*

——— *cæsia*. In Strath Tay, between Dunkeld and Aberfeldie; side of Loch Tay. *Fl. Scot.*

EPILOBIUM *alpinum*. Ben Lawers; Killin Mountains; Ben More. *H. W.*

——— *alsinifolium*. Ben Lawers. *H. W. sp.* On the east side of Mael Greadha, below the rocks. *Bot. Misc.*

CIRCÆA *alpina*. South side of Loch Tay about Finglen; Ben Lawers, &c. *H. W. sp.*

* SEDUM *album*. Rock by the road-side near Perth; but close by a garden. *H. W. sp.*

——— *villosum*. Near the sources of rivulets half-way up Ben Lawers. *Bot. Misc.*

RHODIOLA *rosea*. Ben Lawers; Killin Mountains. *H. W.*

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RIBES *petræum*. A single specimen on the side of Loch Dochart, almost close to the road from Glen Falloch to Killin. *H. W. sp.*

* SAXIFRAGA *umbrosa*. Woods at Blair Athol. *Winch, add.*

——— *stellaris*. Ben Lawers; Killin Mountains, &c. *H. W.*

——— *nivalis*. Ben Lawers, on rocks about the lake and near the summit; Killin Mountains; near the top of Ben More. *H. W.*

——— *aizoides*. Road-side in Glen Shee; side of Loch Dochart; Ben More; Ben Lawers, &c. *H. W.*

——— *oppositifolia*. Ben More; Killin Mountains; Ben Lawers. *H. W. sp.*

——— *cernua*. Near the summit of Ben Lawers, among the loose rocks, where snow often lasts till midsummer. *H. W. sp.* Craigalleach. *Fl. Scot.*

——— *rivularis*. Ben Lawers; Loch Rannoch. *Fl. Scot.*

——— *cæspitosa*. Ben Lawers. (Mr. Arnott, sp.) *Winch, add.*

——— *hypnoides*. Killin Mountains, ascending to the summits. *H. W. sp.*

——— *lætevirens*. Mountains north of Loch Lomond. *Br. Fl.*

CHRYSOSPLENIUM *alternifolium*. On the Killin Mountains, not far from the summits. *H. W. sp.*

MEUM *Athamanticum*. Glen Shee. *H. W.* About Dunkeld. *Fl. Scot.*

LINNÆA *borealis*. Fionlarig Woods, near Killin. *H. W. sp.* (The station is very circumscribed, and the woods might be searched many days in vain.) Hill of Kinnoul, near Perth. *Fl. Scot.*

CORNUS *suecica*. Ben More; Ben Lawers. *H. W. sp.* In Athol, about Loch Rannoch; Chealleach*, in Breadalbane. *Fl. Scot.*

† VALERIANA *pyrenaica*. Near Dupplin. *Fl. Scot.*

GALIUM *saccharatum* (G. verrucosum). Carse of Gowrie. *Fl. Scot.*

——— *boreale*. In the bed of the Dochart, near the bridge at Killin; in Glen Falloch; and at moderate elevations on the adjacent hills. *H. W.* Breadalbane Woods. *Fl. Scot.*

HIERACIUM *alpinum*. Breadalbane Mountains. *H. W. sp.* Mael Duncrosk, the mountain between Craig Calleach and Mael Ghyrdy; also on rocks to the east of the summit of Mael Ghyrdy. *Bot. Misc.*

——— *Halleri*. Ben Lawers; Ben More. *Fl. Scot.*

——— *Lawsoni*. Rocks on Ben Lawers. *Fl. Scot.* Rocks at Dunkeld. *Winch, mss.*

——— *aurantiacum*. Fort near Kenmore. *R. Maughan, sp.* Woods to the eastward of Kenmore. *Fl. Scot.*

——— *prenanthoides*. Glen Lyon. *Br. Fl.*

* I cannot say whether Chealleach, Craigalleach, Craig-na-cailleach, Craig Calliach, and Craig Chailloch are all the same identical hill, but it seems not unlikely to be the fact. So, also, as to Malghydy and Mael Ghyrdy; but not Mael Greada.

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HIERACIUM *denticulatum*. Loch Rannoch; among bushes on the banks of the Earn. *Fl. Scot.*

——— *umbellatum*. King's Seat at Dunkeld. *Fl. Scot.*

——— *paludosum*. About Loch Tay, and elsewhere. *H. W.*

APARGIA *Taraxaci*. Craig Calliach, and other mountains near it. *Bot. Misc.*

LACTUCA *virosa*. Near Perth. *H. W.* About Dunkeld. *Br. Fl.*

SAUSSUREA *alpina*. Ben Ledi. *Hooker, sp.* Near the summit of Ben Lawers. *H. W. sp.* Glen Lyon. *Fl. Scot.* Craig Calliach; Schroine ach Lochen. *Bot. Misc.*

? CONYZA *squarrosa*. Near Blair, in Athol. *Fl. Scot.*

GNAPHALIUM *supinum*. Ben More; Killin Mountains; Ben Lawers. *H. W. sp.*

ERIGERON *alpinus*. Ben Lawers. *R. Maughan, sp.* Banks of the Almond, above the bridge. *Fl. Scot.* Rocks by the river Almond, seven miles from Perth. *Eng. Fl.* By the river at Lindock, seven miles from Perth. *Winch, add.* (Probably one locality, though differently described.)

† DORONICUM *Pardalianches*. Den of Dupplin, near Perth. *R. Maughan, sp.* In great plenty at Stobhall, seven miles from Perth. *Eng. Bot. Supp.* Woods near Culross. *Fl. Scot.*

——— *plantagineum*. Strath-earn. *Eng. Bot. Supp.*

LOBELIA *Dortmanna*. Loch Clunie. *Winch, mss.*

CAMPANULA *rapunculoides*. Woods at Blair Athol. *Winch, add.*

——— *latifolia*. At Taymouth Hermitage, and by the falls of Moness. *Fl. Scot.*

* ——— *Rapunculus*. Perthshire. *Boué, Inaug. Diss.* (Is this correct?)

VACCINIUM *uliginosum*. Near the lake on Ben Lawers. *H. W. sp.* Craig Calliach, upon the rocks in wet situations. *Bot. Misc.*

——— *Vitis-Idæa*. On the mountains, particularly fine near the lake on Ben Lawers. *H. W. sp.*

ARBUTUS *Uva-Ursi*. Falls of the Bruar. (Dr. Wight.) *W. H. Campbell, sp.* Glen Shee. *H. W.* Mael Ghyrdy, plentiful. *Bot. Misc.*

† MENZIESIA *cærulea*. "The station is on the Athol Sow, at Dalnaspidal, half way between Dalnacardoch and Dalwhinnie. The hill fronts the Highland road, and runs parallel with it, being on the west side of the road, and immediately north of Loch Garry. Assuming the road to be 1400 feet, the plant would be at 2600 or 2800 feet. I should hardly think it reaches 3000 feet. It grows among Empetrum nigrum, which takes the place of Calluna vulgaris; the latter becoming stunted, and almost disappearing before any of the Menziesia is found." *W. Brand, sp.**

* By such an explicit direction, Mr. Brand has at once ended the mystery in which the locality of this species has been so long shrouded. The plant is said to have been nearly all eradicated lately by a nurseryman, who found the sale of specimens too profitable for many to be left on the hill. Unless it shall be discovered elsewhere in Scotland, I fear we ought to regard the plant as only a doubtful native.

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ANDROMEDA *polifolia*. Blair Drummond Moss, plentifully. *Fl. Scot.*

AZALEA *procumbens*. Ben Lawers. *W. Brands, sp.* Ben More; south-east shoulder of Ben Voirlich; Ben Glow (Ben-y-Gloe?); Ben Ferrag, by Loch Erricht. *Fl. Scot.*

PYROLA *rotundifolia*. Woods at Blair Athol, and heaths about Dunkeld (Lightfoot); Callender (Mr. Arnott). *Fl. Scot.*

——— *media*. By the road through Glen Shee. *H. W.*

——— *minor*. Woods at Blair Athol. *Winch, add.*

——— *secunda*. About Loch Rannock. *Fl. Scot.* Woods at Blair Athol. *Winch, add.*

——— *uniflora*. Methven Woods. *W. Christy, sp.*

GENTIANA *nivalis*. Rocks below the summit of Ben Lawers, to the south-west. *Bot. Misc.*

CYNOGLOSSUM *sylvaticum*. Carse of Gowrie. *Fl. Scot.*

MYOSOTIS *alpestris*. Rocks near the summit, and also near the lake on Ben Lawers. *H. W. sp.* Schehallion; Mael Greadha, and others of the Breadalbane range. *Fl. Scot.*

BARTSIA *alpina*. Rocks to the east of Malghyrdy; Ben Lawers. *Fl. Scot.*

SCROPHULARIA *vernalis*. Clunie. *W. Stables, sp.* Road-side near the hill of Moncrief, in the greatest abundance; road-side by the Inn at Clunie. *Fl. Scot.*

MELAMPYRUM *sylvaticum*. Woods at Blair. *W. Brands, sp.* Falls of Acharne, near Kenmore. *H. W. sp.* By the road-side going from Taymouth to the Hermitage. *Eng. Fl.* Fionlarig, by Loch Tay; Falls of Moness; Den of Rechip; south side of Loch Earn; woods east of Dunkeld. *Fl. Scot.*

VERONICA *hirsuta*. Hills near Crief. *R. Maughan, sp.* (There are no capsules on this specimen, but in size and foliage it corresponds with another specimen, from the Botanic Garden of Edinburgh.)

——— *saxatilis*. Rocks in Glen Tilt. *W. Brands, sp.* Rocks by the lake on Ben Lawers. *H. W. sp.* Craig Calliach; Mael Duncrosk; Mael Greadha. *Bot. Misc.*

? ——— *fruticulosa*. Ben Lawers. *Fl. Scot.*

——— *alpina*. Ben Lawers. *Fl. Scot.* Craig Calliach. *Bot. Misc.*

LYCOPUS *europæus*. Delvine. *Fl. Scot.*

† MENTHA *piperita*. Glen Targ. *Br. Fl.*

†——— *viridis* (and variety "crispa"). Glen Targ. *Br. Fl.*

TEUCRIUM *Chamædrys*. In Methven Wood. *Br. Fl.*

GALEOPSIS *versicolor*. Near Callander. *W. Brands, sp.*

TRIENTALIS *europæa*. In a fir-wood, on the south side of the Dochart, about one mile from Killin; in woods near Finglen, on the south side of Loch Tay. *H. W. sp.* Duke of Athol's

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Concealment always begets suspicion, but the character of the nurseryman is said to have been too good to give any fair ground for supposing the station to be artificial. Mr. Don's name is attached to a different locality, by Smith; and if Mr. Don communicated the station of "Isle of Shiant" to the author of the English Flora, on his personal responsibility, this must remove all doubts.

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woods at Blair; woods at Dunkeld, especially Dungarn-hill; Strath-earn; woods at Dunblane; Clunie. *Fl. Scot.* Ben Lawers; coppice near Auchmore. *Bot. Misc.*

ANAGALLIS *arvensis* (cærulea). Fields on the banks of the Tay, near Delvine. *Fl. Scot.*

STATICE *Armeria.* Near the lake on Ben Lawers; about the summits of the Killin Mountains. *H. W.*

PLANTAGO *maritima.* Field near the Manse at Killin. *H. W. sp.*

POLYGONUM *viviparum.* Road-side near Finglen, and by Loch Dochart; and extending up the mountains almost to the summits of Ben More and Ben Lawers. *H. W. sp.* Rumbling Bridge, near Dunkeld. *Winch, add.*

OXYRIA *reniformis.* On the Breadalbane Mountains, and descending, along the courses of the mountain-streams, almost to the levels of Lochs Dochart and Tay. *H. W.*

MERCURIALIS *annua.* In the parish of Aberfoyle. *Fl. Scot.*

EMPETRUM *nigrum.* Plentiful on the mountains. *H. W.*

QUERCUS *sessiliflora.* Edge of Birnam wood, near Dunkeld. *Fl. Scot.*

BETULA *nana.* Abundant in Corri-y-Callin, north of Glen Lyon, in Breadalbane; Ben Lawers. *Fl. Scot.*

SALIX *ambigua.* Between Balnagard and Aberfeldie. *Br. Fl.*

—— *reticulata.* Ben Lawers, and Killin Mountains, between 3000 and 4000 feet up. *H. W. sp.*

—— *Stuartiana.* Near the upper end of the burn at Fionlarig; Ben Lawers. *Eng. Fl.*

—— *arenaria.* Ben Lawers, abundant. *Fl. Scot.* Killin Mountains. *H. W.*

—— *fusca* (argentea). Near Clunie. *Fl. Scot.*

—— *sphacelata.* Valleys among the Highlands, as at Fionlarig; at the head of Loch Tay; Ben Lawers. *Fl. Scot.*

—— *Andersoniana.* Breadalbane Mountains. *Br. Fl.*

—— *Forsteriana.* Breadalbane Mountains. *Br. Fl.*

—— *rupestris.* Rocks on the mountains of Craig-Chailloch and Mael Ghyrdy, as well as near Aberfoyle. *Fl. Scot.*

—— *tenuior.* Banks of the Lochy, near Killin. *Br. Fl.*

—— *laxiflora.* Killin. *Br. Fl.*

—— *radicans.* Breadalbane Mountains. *Br. Fl.*

—— *Borreriana.* Breadalbane. *Eng. Fl.*

—— *phylicifolia.* At Fionlarig, Breadalbane. *Eng. Fl.* Burn above Fionlarig. *Bot. Misc.*

—— *tetrapla.* Gathered in Breadalbane. *Eng. Fl.*

—— *Weigeliana.* Breadalbane. *Br. Fl.*

—— *bicolor.* Glen Lyon. *Br. Fl.*

—— *phyllyreifolia.* Vicinity of Ben Lawers. *Eng. Bot. Supp.*

—— *vacciniifolia.* Breadalbane Mountains. *Br. Fl.*

—— *carinata.* Breadalbane Mountains. *Br. Fl.*

—— *prunifolia.* Breadalbane Mountains; Blair in Athol. *Fl. Scot.* Craig Calliach. *Bot. Misc.*

—— *venulosa.* Breadalbane Mountains. *Br. Fl.*

—— *myrsinites.* Craigalleach. *Br. Fl.*

—— *procumbens.* Breadalbane. *Br. Fl*

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SALIX *herbacea*. On the mountains, abundant from 1000 or 1200 yards of elevation, upwards to the summits. *H. W. sp.*

PINUS *sylvestris*. North side of Loch Tay, near Killin. *H. W. sp.*

* STRATIOTES *aloides*. Loch of Clunie. *Fl. Scot.* Probably planted there. *Br. Fl.* Blair Athol. (Boué.) *Winch, add.*

SCHEUCHZERIA *palustris*. Methven, near Perth. *Br. Fl.*

HABENARIA *albida*. Near Killin, by the road to Loch Dochart; lower part of Ben Lawers, ascending from Killin. *H. W. sp.*

LISTERA *cordata*. Breadalbane Mountains. *H. W. sp.* Woods of Lintrose. *Fl. Scot.*

MALAXIS *paludosa*. A little to the east of Ben Vorlich, and a little above the house of Ardvorlich. *Fl. Scot.*

GOODYERA *repens*. Den of Dupplin; woods of Scone. *Fl. Scot.*

? CORALLORHIZA *innata*. Formerly found in the woods of Methven Castle.

EPIPACTIS *grandiflora*. Woods of Methven Castle. *Fl. Scot.*

——— *ensifolia*. Woods of Methven. *Fl. Scot.*

CONVALLARIA *majalis*. Blair Athol. (Mr. Stewart.) *W. Brands, sp.* Scotland-Wald, and Methven Wood; in a small glen called the Clough, north of Gask; Den of Rechip. *Fl. Scot.*

——— *verticillata*. Blair Athol. *J. Macnab, sp.* Den of Rechip, four miles north of Dunkeld. *Br. Fl.*

GAGEA *lutea*. Near Dupplin. *Fl. Scot.*

ALLIUM *arenarium*. Dupplin. *Fl. Scot.*

TOFIELDIA *palustis*. Killin Mountains. *H. W. sp.* Glen Tilt. *W. Brands, mss.* Of common occurrence, in swampy places near springs, in the middle region of the Breadalbane Mountains. *Bot. Misc.*

SPARGANIUM *natans*. By the road from Killin to Lawers. *H. W. sp.*

LUZULA *spicata*. Breadalbane Mountains. *H. W. sp.*

? JUNCUS *filiformis*. Ben Lawers. *Br. Fl.*

——— *castaneus*. Near the summit of Ben Lawers; Fion Glen, behind Craig Calliach. *Fl. Scot.* North side of the Killin Mountains, near the summit. *H. W. sp.* Mael Ghyrdy; between Ben Cruachpen and Mael Greadha. *Bot. Misc.*

? ——— *capitatus*. The highest parts of Ben Lawers. *Fl. Scot.*

——— *trifidus*. Ben-y-Gloe. *Winch, add.* Rocks to the east of the summit of Mael Ghyrdy. *Bot. Misc.*

——— *biglumis*. On Ben Lawers and the Killin Mountains. *H. W. sp.* Mal-ghyrdy and Ben Teskerney, in Breadalbane. *Fl. Scot.* Not unfrequent in the Breadalbane Mountains. *Br. Fl.* Most plentiful on the north-west side of Mael Greadha; on the south-east side of Ben Cruachpen; Schroine ach Lochen. *Bot. Misc.*

——— *triglumis*. Breadalbane Mountains, plentifully. *H. W. sp.*

ELEOCHARIS *acicularis*. Loch of Clunie, and Stormont Loch. *Fl. Scot.*

——— *pauciflora*. Flanks of the Breadalbane Mountains. *H. W. sp.* Bottom of the Athol Low. *W. Brands, sp.* Malghyrdy. *Fl. Scot.*

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ELYNA *caricina*. Near the summit of Schroine ach Lochan, a mountain south of Mael Ghyrdy. *Bot. Misc.* (I gathered it somewhere on the Breadalbane Mountains, and incline to suppose it was on Ben More. *H. W.*

ERIOPHORUM *vaginatum*. Breadalbane Mountains, in plenty. *H. W. sp.*

? ——— *alpinum*. "It is to be feared that there is some mistake in regard to its having been found on the Breadalbane Mountains." *Br. Fl.*

——— *capitatum*. "Ben Lawers, by the side of a rivulet near the limits of perpetual snow." *Fl. Scot.* (I should fear some mistake about this species also, since there *is no* perpetual snow on Ben Lawers.)

——— *gracile*. Boggy places in the micaceous soil of Ben Lawers. *Fl. Scot.*

CAREX *pauciflora*. North of Blair. *Fl. Scot.*

——— *axillaris*. Killin. *Br. Fl.* Burn near Auchmore, a small distance above Loch Tay. *Bot. Misc.*

——— *capillaris*. Ben-y-Gloe. *Hooker, sp.* Ben Teskerney; Craig-nu-liet, and Mael Ghyrdy, Breadalbane. *Fl. Scot.* Craig Calleach; Ben Lawers. *Bot. Misc.*

——— *limosa*. At Tullybanchar, half a mile west of Comrie; near Crief; marshes on mountains between Loch Earn and Loch Tay. *Fl. Scot.*

——— *speirostachya*. Hills of Perthshire. *Eng. Fl.* Ochill Hills. *Eng. Bot. Supp.*

——— *atrata*. Killin Mountains. *H. W. sp.* Ben Teskerney, Mael Ghyrdy, Mael-nan-tarmonach, &c. in Breadalbane. *Fl. Scot.* Craig Calliach; Mael Greadha; Ben Lawers. *Bot. Misc.*

——— *pulla*. Craigalleach. *Hooker, sp.* Ben Lawers; banks of the Tilt. *Fl. Scot.* Swampy sources of alpine rills, at the north side of Ben Cruachpen; between Ben Cruachpen and Mael Greadha; Mael Ghyrdy. *Bot. Misc.*

——— *Mielichoferi*. Rocky places on Craig-na-Chailleach. *Fl. Scot.*

——— *ustulata*. Ben Lawers. *Fl. Scot.*

——— *rigida*. Abundant on the Breadalbane Mountains, from about 800 yards upwards to the summits. *H. W. sp.*

ALOPECURUS *alpinus*. Ben Lawers. *Fl. Scot.*

PHLEUM *alpinum*. Ben Lawers; Craigneulict, a hill above Killin. *Fl. Scot.*

SESLERIA *cærulea*. Ben Lawers; Killin Mountains. *H. W. sp.* Craig Calliach; Mael Greadha, &c. *Bot. Misc.*

POA *alpina*. Ben Lawers; Killin Mountains. *H. W. sp.*

——— *aquatica*. About Perth. *Fl. Scot.*

MELICA *nutans*. Burn above Finlarig. *Bot. Misc.*

FESTUCA *Calamaria*. Breadalbane; wooded valley at the foot of Ben Lawers. *Fl. Scot.*

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LXII. FORFARSHIRE.

This is probably the best botanical county in the Highlands: the successful researches of the late Mr. Don, followed up by those of Mr. Drummond, Professor Graham, and others, have made the "Clova Mountains" one of the most frequently named localities occurring in our Floras. The range of mountains thus designated, however, includes a tract of country many miles in extent, so that, for the more local plants, the mere indication of "Clova Mountains" will be a very imperfect guide to their exact stations. This imperfection, I regret to say, it is not in my own power to remove, in consequence of the names of the different hills, streams and glens being very little known to me. But some general points and bearings may be briefly mentioned as partial directions. We will suppose the botanist to be located at the public-house by the Kirk in Glen Clova. If he proceeds up the glen, towards the farm of Bradooney, contrary to the course of the river, for a few miles, the valley is found to divide into two branches. That on the right hand (which we may term Glen Bradooney) leads up to a shooting cottage; some distance above which is a small lake. Should the traveller turn to the left hand, after passing the cottage, instead of proceeding onwards to the lake, he will cross the high moors which lie between Glen Bradooney and Glen Dole. The left hand branch of Glen Clova is Glen Dole, immediately on entering which, is a short branch to the left again, which I understand to be the Glen Phu or Glen Fee, mentioned by Mr. Brands and others, with their specimens. The main branch of Glen Dole runs some miles up the course of the stream, before we arrive at a series of small waterfalls where the Sonchus alpinus is found, almost under one of the cascades. This station was for several years the only one known to living botanists; and I shall term it the "old Sonchus station." On the left hand side of Glen Dole, before reaching these falls, is a high and pointed cluster of rocks, on the face of which grows Astragalus alpinus. On the rocks between Glen Phu and Glen Dole, is found the Oxytropis campestris; a considerable mass of debris lying underneath the rocks on which it grows. The stations of these very rare plants are thus particularly mentioned, to assist the botanist in finding them, and in order that they may serve as points from which to indicate the bearings or stations of other plants. The explanation, however, is given from the memory of some years, and may not be very accurate, since persons accustomed to flat countries often mistake the relative position of places in the mountainous tracts. It may not be amiss to remark that Mr. Don appears to speak of "the low parts of the county," and of the "summits of the mountains," in a very general sense. The table-lands and shoulders of the mountains would seem to be included under the designation of 'summits;' and perhaps even the higher rocks on the flanks or acclivities of the mountains.

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AUTHORITY.

Acc. — Account of the Native Plants in the County of Forfar. By G. Don. (From Headrick's Agritultural Survey of the County.)

THALICTRUM *alpinum*. Several parts of the Clova Mountains. *H. W. sp.*

——— *minus*. Shore near Montrose; and in stony places in the high lands, as well as by the sea. *Acc.*

RANUNCULUS *alpestris*. Sides of rills on the Clova Mountains. *Fl. Scot.*

TROLLIUS *europæus*. In woods near Forfar. *Acc.* Glen Clova, near the Kirk. *H. W.*

* PAPAVER *somniferum*. In newly-trenched ground, by road sides, &c. about Delvine House, near Cupar. *Eng. Fl.*

? DRABA *muralis*. About Forfar. *Fl. Scot.*

——— *incana*. Glen Isla. *W. Brands, sp.* Rocks on the left side of Glen Dole. *H. W.*

THLASPI *alpestre*. Rocks in Glen Isla. *W. Brands, sp.* (Discovered by Professor Graham, in 1832.)

LEPIDIUM *Smithii*. Opposite to a mill on the south side of the river Esk, near Kinnaird. *Acc.* Between Brechin and Montrose. *Eng. Fl.*

TEESDALIA *nudicaulis*. On the estate of Pitruchie, about one mile south of Forfar. *Acc.*

COCHLEARIA *officinalis*. Clova Mountains. *H. W.*

——— *anglica*? Clova Mountains on the left side of Glen Dole. *H. W. sp.*

——— *grœnlandica*. Mountains of Clova. *Eng. Fl.*

* CAMELINA *sativa*. Low parts of the county. *Acc.*

† ALYSSUM *calycinum*. Sandy fields on the coast, between Arbroath and the sands of Barry. *Excurs.*

ARABIS *ciliata*. Rocks near Loch Lee, in Glen Esk. *Fl. Scot.*

† HESPERIS *matronalis*. On banks near Airly Castle. *Acc.*

BRASSICA *campestris*. In a field near the south end of Forfar Loch. *R. Maughan, sp.*

——— *monensis*. Between Dundee and Forfar. *Eng. Fl.*

RESEDA *lutea*. Rocks on the coast, between Arbroath and Montrose. *Acc.*

VIOLA *lutea*. In the low parts of the county. *Acc.* In Glen Clova, about the Kirk. *H. W.* On pastures at the upper part of Glen Clova, where Glen Dole and the Capel Munth separate; also close to the shieling at the foot of Canlochan Glen, where it joins Caness Glen; Hill of Dunbarrow. *North Fl.*

DIANTHUS *Armeria*. In fields near the seat of Charles Gray, Esq. of Carse. *Acc.*

——— *deltoides*. North bank of the loch of Forfar; as also on dry ground near the north-west corner of the lake; and on banks by the sea, to the east of Arbroath. *Acc.*

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SILENE *acaulis*. Many parts of the Clova Mountains; and a white variety on rocks about half-way up the left side of Glen Dole. *H. W. sp.*

——— *conica*. Montrose. *Excurs.*

——— *anglica*. Sandy fields between the coast and sands of Barry, very abundant. *Excurs.* Between Dundee and St. Andrew's. *Eng. Fl.*

——— *nutans*. Rocks on the coast between Montrose and Arbroath. *Acc.*

——— *noctiflora*. In sandy corn-fields near the Havens or Hains, by the sea-side. *Acc.*

LYCHNIS *Viscaria*. On dry banks near Airly Castle, and also a variety with white flowers. *Acc.*

——— *alpina* Little Kilrannoch, Clova Mountains. *J. Macnab, sp.* (Dr. Graham says that it grows on a stony summit, probably between 1000 and 1100 yards of elevation.)

SAGINA *maritima*. Sands of Barry; and by the Tay, westward of Dundee. *Acc.*

STELLARIA *nemorum*. In the lower parts of the county. *Acc.*

ARENARIA *fastigiata*. Rocks on the Clova Mountains. *Acc.*

——— *marina*. Sea shore. *Acc.*

——— *peploides*. Sea shore. *Acc.*

SPERGULA *saginoides*. Clova Mountains. *H. W. sp.*

——— *subulata*. Near Forfar. *Fl. Scot.*

CERASTIUM *tetrandrum*. Roofs of houses in Forfar; and common on the sea coast. *Acc.*

——— *arvense*. Near Forfar. *Fl. Scot.*

——— *latifolium*. Summits of the Clova Mountains. *Acc.*

——— *alpinum*. Rocks by Loch Brandy. *W. Brands, sp.* Summits of the Clova Mountains. *Acc.*

CHERLERIA *sedoides*. With Lychnis alpina. *Excurs.*

RADIOLA *millegrana*. Abundant on the road-side between Forfar and Brechin, and between the former place and Montrose; frequent on moors between Montrose and Guthrie; and in similar situations between Brechin and Slateford. *North Fl.*

GERANIUM *phæum*. Behind the public-house, near the Kirk, in Glen Clova. *H. W. sp.* With white flowers, at the sands of Barry, near Dundee. *Br. Fl.*

——— *sylvaticum*. About the Kirk in Glen Clova, and thence extending up Glen Bradooney and Glen Dole, probably to the subalpine region. *H. W. sp.* The small-flowered variety, with sterile anthers, occurs by the river, near the Kirk, in Glen Clova.

——— *sanguineum*. Lower parts of the county. *Acc.*

ULEX *nanus*. Lower parts of the county. *Acc.*

OXYTROPIS *campestris*. Rocks on the left side of Glen Dole (towards Glen Phu?), almost facing a person when turning from Glen Clova to Glen Dole. *H. W. sp.*

——— *uralensis*. Montrose. *Br. Fl.*

ASTRAGALUS *alpinus*. High rocks, on the left side of Glen Dole, half way up the glen, or more. *H. W. sp.*

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ASTRAGALUS *hypoglottis*. Lower parts of the county. *Acc.*
——— *glycyphyllus*. Lower parts of the county. *Acc.*
* MEDICAGO *sativa*. Near Dundee. *Acc.*
TRIFOLIUM *scabrum*. Lower parts of the county. *Acc.*
——— *ornithopodioides*. Near Broughty Castle. *Acc.*
LOTUS *tenuis*. Fields near Forfar. *Eng. Fl.*
VICIA *lutea*. Rocks on the coast, between Montrose and Arbroath. *Acc.*
LATHYRUS *sylvestris*. Rocks near the Red Head Promontory, on the coast between Arbroath and Montrose. *Acc.*
OROBUS *niger*. Den of Airly, twelve miles west of Forfar, sparingly. *Eng. Fl.*
——— *sylvaticus*. By the side of the Isla. *Acc.*
PRUNUS *Padus*. Lower parts of the county. *Acc.*
* ——— *domestica*. Hedges. *Acc.*
* SPIRÆA *salicifolia*. Lower parts of the county. *Acc.*
DRYAS *octopetala*. On the rocks where Astragalus alpinus grows. *H. W. sp.*
RUBUS *suberectus*. Near the Kirk, and in other parts of Glen Clova. *H. W.*
——— *saxatilis*. Lower parts of the county. *Acc.* Sides of Glen Dole and Glen Bradooney. *H. W.*
——— *Chamæmorus*. On the higher moors about Clova. *H. W.*
POTENTILLA *tridentata*. Mountains eastward of Clova. *Acc.* On a mountain called Werron, and some other hills in Angus-shire, to the westward. *Eng. Fl.* "The Hill of Werron is of great extent; being composed of a central ridge, with a number of branches, it lies very low." *G. Macnab, mss.*
——— *argentea*. Very rare on rocks not far from the Loups of Kenny, near Airly Castle; common on rocks on the Sidlaw Hills. *Acc.*
——— *opaca*. Rocks on the Clova Mountains. *Acc.*
——— *alpestris*. Widely distributed on the rocks to the south of the Fee; and in Glen Isla. *Excurs.* High rocks in Glen Isla; Glen Phu; Glen Keilba; Loch Brandy. *W. Brands, sp.* Side of Garry Burn, Clova. *G. Macnab, mss.**
——— *verna*. Rocks between Broughty Castle and Dundee. *Acc.*
COMARUM *palustre*. Lower parts of the county. *Acc.* On the table-lands above Glen Dole. *H. W.*
SIBBALDIA *procumbens*. Glen Phu. *W. Brands, sp.* On the mountains above the old Sonchus station. *H. W. sp.*
ALCHEMILLA *alpina*. In the bed of the river, a little above the Kirk of Clova, and thence in many places upwards to the tops of the mountains; also on the road-side between Cortachy and Clova Kirk; and on the road-side in Glen Shee. *H. W. sp.* Loch-Lee. *W. Brands, sp.*

* Dr. Macnab mentions a burn and rocks, called Garry Burn and Rocks, "on the right hand side of Glen Clova," and also speaks of Garry Burn Rocks, "opposite the Oxytropis rocks in Glen Phu."

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ROSA *tomentosa* (and scabriuscula). Lower parts of the county. *Acc.* I think to have observed this at a considerable elevation on the left side of Glen Dole. *H. W. sp.*

—— *Sabini* (Doniana). Mountains of Clova. *Fl. Scot.*

—— *cæsia.* Lower parts of the county. *Acc.*

—— *systyla* (R. collina, of Don). Lower parts of the county. *Acc.*

PYRUS *communis.* Lower parts of the county. *Acc.*

* —— *pinnatifida.* One tree, in a plantation by the road-side between Kerriemuir and Norfar, probably planted there. *H. W.*

EPILOBIUM *roseum.* Forfarshire. *Br. Fl.*

———— *alsinifolium.* In a small stream, a few yards to the right of the path from Clova Kirk towards the two farm-houses at the head of the glen, before reaching the first of them; and on the mountains above the old Sonchus station. *H. W. sp.* Glen Isla. *W. Brands, sp.*

———— *alpinum.* Glen Isla. *W. Brands, sp.* Many parts of the Clova Mountains. *H. W. sp.*

CIRCÆA *alpina.* Lower parts of the county. *Acc.*

CERATOPHYLLUM *demersum.* Lakes of Rescobie and Balgavies. *Acc.*

SCLERANTHUS *perennis.* Gravelly banks near Forfar, rare. *Fl. Scot.*

* SEDUM *album.* Cottage roofs in Forfar. *H. W. sp.* House tops at Forfar, Glammis, &c. *Fl. Scot.*

———— *anglicum.* On rocks near Dundee; and near Broughty Castle. *Acc.*

———— *villosum.* Near Broughty Castle; not rare in the county. *Acc.*

RHODIOLA *rosea.* Rocks on the Clova Mountains, in many places. *H. W.*

RIBES *petræum.* Woods near Airly Castle, by the river side. *Fl. Scot.*

SAXIFRAGA *stellaris.* Frequent on rocks and in wet places on the Clova Mountains. *H. W.*

———— *nivalis.* Glen Isla. *W. Brands, sp.* More common in Glen Isla, than in Glen Clova. *Excurs.* In small quantity below the Oxytropis station; and on rocks, on the left side of Glen Clova, nearly opposite the first farm-house, above the Kirk. *H. W.* Garry Burn Rocks, Clova. *G. Macnab, sp.*

———— *oppositifolia.* Glen Phu. *W. Brands, sp.* Rocks on the sides of Glen Bradooney and Glen Dole, in plenty. *H. W. sp.* Garry Burn Rocks, Clova; and Loch-Lee. *G. Macnab, mss.*

———— *aizoides.* In the marshes. *Acc.* On the bed of the river, above Clova Kirk, and plentiful in swampy places on the left side of Glen Dole, and elsewhere about the Clova Mountains. *H. W. sp.*

———— *hypnoides.* Left side of Glen Dole. *H. W. sp.* Garry Burn Rocks. *G. Macnab, mss.*

———— *platypetala.* Summits of the Clova Mountains. *Acc.*

———— *denudata.* Highest mountains of Angus. *Fl. Scot.*

———— *elongella.* Summits of the Clova Mountains. *Acc.* Banks

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of a rivulet not far from Airly Castle. *Fl. Scot.* On a rock by the river near Lintrathen. *Eng. Fl.*

SAXIFRAGA *lætevirens.* Moist rocks on elevated situations on the mountains. *Eng. Fl.*

——— *pedatifida.* Rocks near the head of Glen Clova. *Fl. Scot.* Summits of the Clova Mountains. *Acc.*

CHRYSOSPLENIUM *alternifolium.* Forfarshire. *Acc.*

CICUTA *virosa.* Forfar Loch. *W. Stables, sp.* Margins of Rescobie and Balgavies Lochs. *Acc.*

† CARUM *Carui.* The most common umbelliferous plant near Arbroath, and there is no doubt of the species being indigenous there. *Acc.*

FŒNICULUM *vulgare.* On rocks on the foreside of the Sidlaw Hills. *Acc.*

MEUM *athamanticum.* On the banks of the river, above and below the Kirk of Clova. *H. W. sp.*

† CHÆROPHYLLUM *aureum.* By the side of corn-fields, between Arbroath and Montrose. *Acc.*

† ——— *aromaticum.* By the side of the river called Lunan and Vennie, not far from Guthrie. *Acc.* Near Guthrie, seven miles east of Forfar, "undoubtedly wild." (G. Don.) *Eng. Bot. Supp.* Near Guthrie, by the road-side leading from Forfar to Arbroath. *Fl. Scot.* (I give these different descriptions of the station, to faciliate the quest of botanists, though they seem to mean the same place)

MYRRHIS *odorata.* Low parts of the county, always near houses. *Acc.*

ERYNGIUM *maritimum.* Shore near Montrose. *Acc.*

LINNÆA *borealis.* Glen Dole, in great plenty amongst the heather on the left side, between the station of Oxytropis campestris and Astragalus alpinus, but at a lower elevation. *H. W. sp.*

CORNUS *suecica.* Clova Mountains, in several places, particularly on the heath to the left of the old Sonchus station. *H. W. sp.*

GALIUM *erectum.* Lower parts of the county. *Acc.*

——— *cinereum.* Near Kinnaird. *Fl. Scot.*

——— *aristatum.* Angus-shire, but not common. *Br. Fl.*

——— *pusillum.* Rocks on the south side of Glen Dole, and on the west side of Glen Fee; with Oxytropis campestris, in the latter station. *North. Fl.*

——— *saccharatum.* Near Forfar. *Fl. Scot.*

——— *spurium.* Corn-fields near Forfar. *Fl. Scot.*

——— *boreale.* In the lower parts of the county. *Acc.* Abundant on rocks at the "Burn," near Brechin; Loch-Lee. *North. Fl.* By the river, in Glen Clova, near the Kirk; and on the sides of Glen Dole. *H. W.*

FEDIA *dentata.* Field between Arbroath and Montrose, very abundant. *Excurs.*

SONCHUS *alpinus.* Water-falls at the head of Glen Dole. *H W. sp.* Glen Isla. *W. Brands, sp.* In five new stations in Glen Dole and Glen Isla. *Excurs.* 1832.

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APARGIA *Taraxaci*. Frequent on the table-lands in the upper district of Clova. *Excurs.*

HIERACIUM *alpinum*. On the hills between Glen Bradooney and Glen Dole: and on rocks along the opposite side of the latter. *H. W. sp.* Loch-Lee. *W. Brands, sp.*

——— *Halleri*. Mountains of Clova. *Br. Fl.*

——— *Lawsoni*. Clova Mountains. *Fl. Scot.*

——— *silvaticum* (maculatum). Fir Wood east of Forfar. *Fl. Scot.*

——— *paludosum*. In several woods. *Acc.* Glen Clova. *H. W.*

——— *molle*. In several woods. *Acc.* Among bushes, in meadows north of Forfar. *Fl. Scot.* King's Seat, north of Forfar. *Winch, alld.*

——— *cerinthoides*. Rocks near the head of Clova. *Fl. Scot.*

——— *amplexicaule*. Rocks on the Clova Mountains. *Acc.*

——— *denticulatum*. Summits of the Clova Mountains. *Acc.*

——— *prenanthoides*. In several woods. *Acc.* Banks of the Esk, near the farm called the Cairn, near Forfar. *Fl. Scot.* Rocks on the left side of Glen Dole. *H. W. sp.*

——— *umbellatum*. Valley of Clova. *Excurs.*

HYPOCHÆRIS *maculata*. Dry woods east of Forfar. *Fl. Scot.*

——— *glabra*. Lower parts of the county. *Acc.*

PRENANTHES *hieraciifolia*. Debris of the hills of Turin and Pitsandly. *Acc.*

LAPSANA *pusilla*. Lower parts of the county. *Acc.*

SAUSSUREA *alpina*. Rocks on the left side of Glen Dole, and other parts of the Clova Mountains. *H. W. sp.*

ARTEMISIA *maritima* (and gallica). Rocks on the coast between Arbroath and Montrose. *Acc.*

CNICUS *heterophyllus*. Lower parts of the county. *Acc.* Glen Clova, near the Kirk, and in other places. *H. W.*

GNAPHALIUM *dioicum*. Glens Clova, Bradooney, and Dole; and on the adjacent mountains. *H. W. sp.*

——— *supinum*. Mountains round Glen Dole and Glen Clova. *H. W. sp.*

——— *gallicum*. Dry banks near Forfar. *Fl Scot.*

ERIGERON *alpinus*. Rocks on the left side of Glen Dole, near Astragalus alpinus, and in other places. *H. W. sp.* At the head of Canlochan Glen, with Gentiana nivalis. *North. Fl.*

——— *acris*. Arbroath Common. *Excurs.* Sands near Arbroath; Sands of Barry. *Acc.*

TUSSILAGO *alpina*. Rocks on the Clova Mountains. *Acc.*

SENECIO *saracenicus*. Always near houses. *Acc.*

ASTER *Tripolium*. Sea-shore near Montrose; by the Tay, westward of Dundee. *Acc.*

† DORONICUM *Pardalianches*. Near Kinnaird. *Acc.*

PYRETHRUM *maritimum*. Sands near Arbroath. *Acc.*

* ANTHEMIS *tinctoria*. Road-side north of Forfar. *Fl. Scot.*

CENTAUREA *Jacea*. "Discovered in a young plantation on New-bigging Muir, near Belmont Castle, 1811, by *Mr. Young*. Seen near Newtyle, Angus-shire, by D. Don: but I doubt

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whether it may not be the same station as the first. Invercarrity, by Kinnordy, Kerriemuir, C. Lyell, Esq." *Fl. Scot.* Frequent in Angus-shire. *Br. Fl.*

LOBELIA *Dortmanna.* Loch Brandy, Clova. *J. H. Balfour, sp.* Loch of Lintrathen. *Acc.*

CAMPANULA *lutifolia.* Forfarshire. *Acc.*

——— *rapunculoides.* Foot of Duninald Den (a wood near the sea), at Usan, in the vicinity of Montrose. *North. Fl.*

——— *glomerata.* Coast between Arbroath and Montrose, particularly near Auchmithie, where it occurs with white flowers; rocks in the neighbourhood of Montrose, as at Usan, Duninald, and St. Cyrus; near Dysart, three miles from Montrose. *North. Fl.*

VACCINIUM *uliginosum.* Many places on the Clova Mountains. *H. W. sp.*

——— *Vitis-Idæa.* In the low parts of the county. *Acc.* Plentiful on the mountains about Clova. *H. W. sp.*

——— *Oxycoccos.* Marshes. *Acc.* On the table-lands above the left side of Glen Dole. *H. W. sp.*

ARBUTUS *alpina.* Hill of the White Haugh. *J. Macnab, sp.* Near the summit of the mountain immediately south of Bradooney, Clova, apparently very local. *W. Brands, sp.* (Probably the same station.)

——— *Uva-Ursi.* Glen Clova, Glen Dole, and adjacent hills. *H. W.* Abundant on the road-side near Glen Esk. *G. Macnab, sp.*

AZALEA *procumbens.* On the hill between Glen Bradooney and Glen Dole; and others of the Clova Mountains. *H. W. sp.* On the top of Cairn Inks, a mountain opposite to the Inn at Clova. *North. Fl.*

PYROLA *rotundifolia.* Woods near Forfar; and summits of the Clova Mountains. *Acc.* Gonnacha Wood. *Br. Fl.* On the Astragalus alpinus rocks in Glen Dole. *H. W. sp.*

——— *media.* Plentiful in Glen Dole, chiefly lower down than the Kirk. *H. W. sp.* Wood near Slateford. *W. Brands, sp.*

——— *minor.* Woods near Forfar. *Acc.*

——— *secunda.* Loch-Lee. *W. Brands, sp.* Rocks on the left side of Glen Dole. *H. W. sp.*

——— *uniflora.* Summits of the Clova Mountains. *Acc.* (Surely not on the summits?)

GENTIANA *nivalis.* Glen Isla. *Graham, sp.* Both sides of Glen Isla. *Excurs.* At the top of Canlochan Glen, head of Glen Isla, upon rocks well marked by the white veins of quartz which intersect them in different places, and having at their summit a patch of snow, that generally remains during the whole year; also on the north side of Canlochan Glen. *North. Fl.*

CONVOLVULUS *Soldanella.* Sands near Arbroath. *Acc.*

* CUSCUTA *europæa.* On flax. *Acc.*

LITHOSPERMUM *maritimum.* On the beach, near the village of Torens-

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haven. *Acc.* Montrose; common on the sea-shore towards Usan. *North. Fl.*

* ANCHUSA *sempervirens.* Behind the public-house at Clova. *H. W.*

SYMPHYTUM *tuberosum.* Lower parts of the county. *Acc.*

ASPERUGO *procumbens.* Near the town of Auchmithie, and the village of Westhaven. *Acc.*

CYNOGLOSSUM *sylvaticum.* West from Dundee, rare. *Acc.*

MYOSOTIS *repens* (Don). Summits of the Clova Mountains. *Acc.*

† ATROPA *belladonna.* Den of Bonnington, near Montrose. *Acc.*

† SCROPHULARIA *vernalis.* Near Lower. *Acc.* Near Forfar. *Br. Fl.*

RHINANTHUS *major.* Sandy fields on the coast, between Arbroath and the sands of Barry. *Excurs.*

MELAMPYRUM *sylvaticum.* Forfarshire. *Acc.*

VERONICA *saxatilis.* Garry Burn, Clova. *G. Macnab, mss.* Left side of Glen Dole, on the rocks of Astragalus alpinus, and lower down the Glen. *H. W. sp.* Rocks in Glen Isla. *W. Brands, sp.* North side of Canlochan Glen, with Gentiana nivalis; upper part and south side of the same Glen. *North. Fl.*

——— *alpina.* Rocks on the left side of Glen Dole; and by several streams on the moors above the Glen. *H. W. sp.* Glen Isla. *W. Brands, sp.* Glen Fee; Canlochan Glen; Craigmeskeldie, a mountain at the head of Loch-Lee. *North. Fl.*

† MENTHA *sylvestris.* Sidlaw Hills, perhaps naturalised. *Br. Fl.*

——— *piperita.* Sides of a stream, the origin of the Brothwick, near a spring called Nine Wells, about six miles from Arbroath, abundant and undoubtedly wild. *Excurs.*

* TEUCRIUM *Chamædrys.* Old walls at Balgavies, five miles east of Forfar; and at Kelly, three miles east of Arbroath; but near houses. *Fl. Scot.* Always near houses. *Acc.*

AJUGA *alpina*? White Water; Bachnagairn, and Glen Isla. *Br. Fl.*

GALEOPSIS *versicolor.* Lower parts of the county. *Acc.*

LAMIUM *incisum.* Cultivated fields near Montrose. *Acc.*

——— *intermedium.* Cultivated fields. *Acc.*

ACINOS *vulgaris.* Near the village called Welltown, about one mile south of Forfar. *Acc.* Dry pastures eastward of Forfar; sandy fields, Arbroath Common, frequent. *Excurs.*

UTRICULARIA *intermedia.* At the east end of Rescobie Lake, three or four miles from Forfar; also in the Loch of Balgavies, and in pools near Guthrie, twelve miles west from Montrose. *North. Fl.* "In a ditch by the side of Rescalin Lake, four miles east of Forfar." *Fl. Scot.* (Is the last the same locality as the first?)

——— *minor.* At the end of the lake of Forfar. *Acc.* Pool by road-side in Glen Clova, three or four miles north-east from Kirktown, not far from a small birch wood. *North. Fl.*

PRIMULA *elatior.* Near Glammis. *Acc.*

LYSIMACHIA *thyrsiflora.* Margins of Rescobie and Balgavies Lakes; not uncommon in the county. *Acc.* Bog at Forfar. *Eng. Fl.*

TRIENTALIS *europæa.* In several woods in the lower parts of the

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county. *Acc.* On hillocks in Glen Clova; and ascending to the table-lands above Glen Dole. *H. W. sp.*

CENTUNCULUS *minimus*. Rare in Forfarshire. *Acc.* Moor behind the Hill of Guthrie. *Excurs.*

STATICE *Armeria*. On the summits of Clova, with Lychnis alpina. *Excurs.*

GLAUX *maritima*. Sea-beach between Arbroath and Montrose. *Acc.* Edges of the Montrose basin. *North. Fl.*

LITTORELLA *lacustris*. Marshes. *Acc.*

PLANTAGO *maritima*. Road-side between Forfar and Kerriemuir. *H. W.*

CHENOPODIUM *murale*. Lower parts of the county. *Acc.*

——— *polyspermum*. Lower parts of the county. *Acc.*

——— *maritimum*. The Back Sands, Montrose; sands near Arbroath. *Acc.*

SALSOLA *Kali*. Beach between Arbroath and Montrose. *Acc.*

ATRIPLEX *laciniata*. Beach near Arbroath, *Acc.*

SALICORNIA *herbacea*. Covering the muddy beach, to a great extent, at Montrose, and plentiful about four miles from the town at the head of the basin. *North. Fl.*

——— *radicans*. Sea-coast near Montrose. *Fl. Scot.*

POLYGONUM *minus*. Moist fields near Forfar. *Fl. Scot.*

——— *viviparum*. Lower parts of the county. *Acc.* Glen Clova, and on the neighbouring mountains. *H. W. sp.*

RUMEX *palustris*. Lower parts of the county. *Acc.*

OXYRIA *reniformis*. At the upper part of Glen Clova, on the bed of the river; and frequent on the mountains. *H. W.* Loch-Lee. *G. Macnab, mss.*

EMPETRUM *nigrum*. Hill of Werron. *G. Macnab, mss.* Glen Clova, and the mountains. *H. W.*

BETULA *nana*. Sparingly on the mountain between Glen Dole and Glen Bradooney, almost in a line between the old Sonchus station and the shooting cottage, mentioned in the preliminary remarks to this county. *H. W. sp.*

SALIX *petiolaris*. Marshes. *Fl. Scot.*

——— *angustifolia*. Clova Mountains. *Br. Fl.*

——— *fusca* (argentea). Sands of Barry. *Fl. Scot.*

——— ——— (parvifolia). Marshes, common. *Fl. Scot.*

——— ——— (incubacea). Rocks on the Clova Mountains. *Acc.*

——— *ambigua*. Bogs near Forfar. *Br. Fl.*

——— *reticulata*. Rocks on the side of Glen Dole. *H. W. sp.*

——— *glauca*. Rocks on the Clova Mountains. *Acc.*

——— *arenaria*. Clova Mountains. *Fl. Scot.*

——— *cotinifolia*. Banks of the Esk, near Forfar, but rare. *Fl. Scot.*

——— *Andersoniana*. Rocks on the Clova Mountains. *Acc.*

——— *rupestris*. Rocks on the Clova Mountains. *Acc.*

——— *prunifolia*. Rocks on the Clova Mountains. *Acc.*

——— *herbacea*. On the mountains. *H. W.*

——— *hastata*. Sands of Barry, Dundee. *Br. Fl.*

——— *lanata*. Clova Mountains. *W. Brands, sp.* Head of the Glen of Dole, two miles west of Acharne, the uppermost farm-

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house of Clova. *Br. Fl.* Glen Isla. *Excurs.* It is found on the rocks between the stations of Astragalus alpinus and Oxytropis campestris, in two or three places, I believe. *H. W.*

SALIX *purpurea, helix, Lambertiana, rubra, triandra, lanceolata (undulata), Russeliana, pentandra, nigricans, bicolor, vitellina, cinerea, aquatica, oleifolia, stipularis,* and *mollissima (Smithiana),* are enumerated amongst the plants of the lower parts of the county, by G. Don.

PINUS *sylvestris.* Among the mountains. *H. W.*

* STRATIOTES *aloides.* Forfar Loch, introduced by Mr. Don. *Acc.*

TRIGLOCHIN *maritimum.* The Bank Sands, near Montrose; by the Tay, westward of Dundee. *Acc.*

HABENARIA *albida.* Lower parts of the county. *Acc.* Glen Clova. *H. W. sp.*

LISTERA *cordata.* In several woods. *Acc.* Clova Mountains. *H. W. sp.*

MALAXIS *paludosa.* Lower parts of the county; and summits (!) of the Clova Mountains. *Acc.* Glen Clova. *W. Brands, sp.* A mile or two above the Kirk of Clova, on the opposite side of the river. *H. W.*

GOODYERA *repens.* Forfarshire. *Acc.*

CORALLORHIZA *innata.* Sands of Barrie. *Br. Fl.*

* IRIS *xiphioides.* In a marsh, near Colonel Kinloch's of Logie, among *carices* and *junci,* in a situation where it had never been cultivated. *Acc.*

CONVALLARIA *majalis.* Near Inchewen, parish of Tannadice. *Acc.*

GAGEA *lutea.* Woods at Cortachy Castle, north of Forfar, in abundance, and truly wild. *Fl. Scot.*

ALLIUM *arenarium.* Forfarshire. *Acc.*

——— *carinatum.* East of Arbroath, and banks of the Isla, below Airly Castle. *Fl. Scot.*

——— *oleraceum.* Near Montrose. *Excurs.*

——— *ampeloprasum.* In dens near the shore, between Arbroath and Montrose. *Acc.*

TULIPA *sylvestris.* Not far from Brechin. *Acc.*

TOFIELDIA *palustris.* Glen Isla. *W. Brands, sp.* Clova Mountains. *H. W. sp.*

SPARGANIUM *natans.* Forfar Loch. *Acc.*

POTAMOGETON *gramineus.* Lochs of Rescobie and Balgavies. *Acc.*

——— *zosteræfolius.* Forfar Loch; pretty abundant in the Lochs of Balgavies and Rescobie. *North. Fl.*

——— *prælongus.* River Lunan, near the Bay; and in Rescobie Loch. *Excurs.* Loch of Balgavies. *North. Fl.*

——— *heterophyllus.* Near Montrose. *North. Fl.* "Lakes of Rescalin and Balgowie." *Fl. Scot.*

——— *lanceolatus.* Loch of Lintrathen. *Acc.*

——— *rufescens.* Ditches and lakes, near Forfar. *Fl. Scot.* Rescobie Loch. *North. Fl.*

RUPPIA *maritima.* Near Montrose. *North. Fl.*

ZOSTERA *marina.* Near the Back Sands, near Montrose. *Acc.*

LEMNA *trisulca.* Forfarshire lakes. *Acc.*

LUZULA *Forsteri.* Fir woods east of Forfar. *Fl. Scot.*

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LUZULA *spicata*. Bogs near Glen Isla. *W. Brands, sp.* Clova Mountains. *H. W. sp.*
JUNCUS *balticus*. Sands of Barry, near Dundee. *Fl. Scot.*
——— *obtusiflorus*. Marshes near Forfar, rare. *Fl. Scot.*
——— *tenuis*. Summits of Clova Mountains. *Acc.* Moist mountains of Clova. *Fl. Scot.*
——— *castaneus*. Clova Mountains, in swampy places on the moors above the head of Glen Dole. *H. W. sp.*
——— *trifidus*. Glen Phu and Glen Isla. *W. Brands, sp.* Many parts of the Clova Mountains. *H. W. sp.*
——— *triglumis*. Glen Phu. *W. Brands, sp.* Many other parts of the Clova Mountains. *H. W. sp.*
——— *biglumis*. Clova Mountains. *Fl. Scot.*
? CLADIUM *Mariscus*. Formerly found in this county.
RHYNCOSPORA *alba*. Near Rescobie. *North. Fl.*
SCHŒNUS *nigricans*. Wet ground adjacent to Montrose. *North. Fl.*
BLYSMUS *rufus*. Rocks on the coast between Arbroath and Montrose. *Acc.* Shore at Montrose, and near the basin there. *North. Fl.*
ELEOCHARIS *pauciflora*. Glen Clova, and on the neighbouring mountains. *H. W. sp.*
SCIRPUS *maritimus*. The Back Sands, Montrose. *Acc.*
ERIOPHORUM *vaginatum*. Marshes in Forfarshire, and on the Clova Mountains. *Acc.* Hills between Clova and North Esk. *G. Macnab, sp.*
? ——— *alpinum*. Extinct in this county.
——— *gracile*. Summits of the Clova Mountains. *Acc.*
CAREX *pauciflora*. Clova Mountains. *H. W. sp.*
——— *incurva*. Sands of Barry. *Acc.*
——— *arenaria*. Sea-shore. *Acc.*
——— *intermedia*. Loch of Forfar. *G. Gordon, mss.* Marshes in Forfarshire. *Acc.*
——— *divisa*. Marsh near Montrose; and sea-coast of Angus-shire, chiefly in marshy places. *Fl. Scot.*
——— *teretiuscula*. Marsh of Restenet, near Forfar. *Fl. Scot.* Clova Mountains. *Acc.*
——— *Vahlii*. Rocks in Glen Phu, "confined to a space of about twenty square yards, and growing with C. rigida and C. phæostachya." *W. Brands, sp.*
——— *tenella*. In a wood by the river Esk, very rare. *Eng. Fl.*
——— *depauperata*. Woods near Forfar, rare. *Fl. Scot.*
——— *capillaris*. On the moors above the left side of Glen Dole. *H. W.*
——— *limosa*. Marsh near Forfar. *Fl. Scot.* Marshy ground between Rescobie and Beguise. *Excurs.* Clova Mountains. *Acc.*
——— *rariflora*. On the moors above the left side of Glen Dole, in several places. *H. W. sp.*
——— *phæostachya*. Rocks in Glen Phu and Glen Isla. *W. Brands, sp.*
——— *atrata*. Rocks in Glen Isla, and Glen Phu. *W. Brands, sp.*

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Abundant on the mountain cliffs, on the south side of the Fee. *Excurs.* At the head of Canlochan Glen with Gentiana nivalis. *North. Fl.*

CAREX *extensa.* On the coast near Usan, about two miles from Montrose, very abundant. *Excurs.*

——— *Œderi.* Marshes in Forfarshire. *Acc.* Glen Isla. *W. Brands, sp.*

——— *fulva.* Rocks in Glen Isla. *W. Brands, sp.* Road-side between Montrose and the North Esk River. *Fl. Scot.*

——— *binervis.* Clova Mountains. *H. W. sp.*

——— *lævigata.* Woods near Forfar. *Acc.* Marshes in Angus-shire. *Fl. Scot.*

——— *speirostachya.* In several stations in Forfarshire. *Eng. Bot. Supp.*

——— *Mielichoferi.* Mountains of Clova. *Fl. Scot.*

——— *pulla.* Glen Phu. *W. Brands, sp.*

——— *rigida.* On the mountains. *H. W. sp.*

——— *aquatilis.* Clova Mountains, by the streams of the high moors to the left of the old Sonchus station. *H. W. sp.*

——— *filiformis.* White Mire Marsh. *Acc.* Restenat Moss. *Fl. Scot.* Beguise Loch. *Excurs.*

——— *hordeiformis.* In a den near Panmure, about nine miles south-east of Forfar. *Eng. Fl.* Small valley about three miles west of Panmure, among some bushes near a spring. *Br. Fl.*

——— *stictocarpa.* Lofty mountains of Clova. *Eng. Fl.*

——— *angustifolia.* Marshes in Angus-shire. *Br. Fl.*

ALOPECURUS *alpinus.* Near Loch Brandy. *W. Brands, sp.* By streams on the moors above the old Sonchus station. *H. W. sp.* Beside a stream, which falls into the west side of Loch Whorrol, a lake at a considerable elevation on the mountains to the north-east of Kirkton, Clova; marshy ground between Clova and Loch-Lee, about two miles south from the head of the Loch; at the top of Garry Burn, Glen Fee, &c. *North. Fl.*

——— *fulvus.* Forfarshire. *Br. Fl.*

PHLEUM *alpinum.* On the banks of streams, on the moors above Glen Dole, and on rocks at the higher part of the Glen. *H. W. sp.*

——— *Michelii.* Summits of the highest mountains of Clova. *Acc.*

——— *arenarium.* Sands of Barry; sands near Arbroath. *Acc.* At Montrose, near the Academy, and on the Links. *North. Fl.*

AMMOPHILA *arundinacea.* Near Arbroath. *Fl. Scot.*

CALAMAGROSTIS *stricta.* Near Rescobie, four miles from Forfar. *Br. Fl.* Said to be extinct at White Mire Marsh.

AIRA *alpina.* By the sea-side near Dundee. *Eng. Fl.* (Is this station correct?) Rocks on the south side of Glen Dole, to the east of those on which the Astragalus alpinus grows. *North. Fl.*

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HIEROCHLOE *borealis*. In a narrow mountain valley, called Kella. *Fl. Scot.*
MELICA *nutans*. Rocks on the Clova Mountains. *Acc.*
POA *aquatica*. Forfar Loch. *W. Stables, sp.*
—— *maritima*. Shore near Montrose; by the Tay, westward of Dundee. *Acc.*
—— *distans*. Sea-shore near Montrose. *Acc.*
—— *alpina*. By the sides of the rivers Esk and Isla, in the low parts of the county. *Acc.* Corbie Craig, near the river Esk, five miles from Forfar. *Eng. Fl.* Den of Airly; north and west sides of Canlochan Glen. *North. Fl.*
FESTUCA *rubra*. Sea-shore near North Water Bridge. *Acc.*
† BROMUS *secalinus*. Low parts of the county. *Acc.*
—— *racemosus*. Fields. *Fl. Scot.*
—— *arvensis*. Low parts of the county. *Acc.*
AVENA *strigosa*. Low parts of the county. *Acc.*
—— *alpina*. Rocks on the summits of the highest mountains of Clova. *Acc.* Glen Fee. *North. Fl.*
—— *pubescens*. Low parts of the county. *Acc.*
ELYMUS *arenarius*. Near North Water Bridge. *Acc.*
HORDEUM *maritimum*. In Scotland, it has only been found in Angusshire. *Br. Fl.*
? TRITICUM *cristatum*. Barry sands. (From the late Mr. Don.) *Winch, sp.* Sea-side between Arbroath and Montrose. *Fl. Scot.* (Dr. Murray omits this; and probably the specimens formerly found had been carried in ballast, or by the waves of the sea.)
—— *junceum*. Sea-shore. *Acc.*
—— *loliaceum*. Sea-coast. *Fl. Scot.*
LOLIUM *arvense*. Low parts of the county. *Acc.*
—— *temulentum*. Low parts of the county. *Acc.*

LXXIII. KINCARDINESHIRE.

RADIOLA *millegrana*. Moor of Benholm. *North. Fl.*
VICIA *lutea*. Mearnshire. *Eng. Fl.*
CIRCÆA *alpina*. At Drumlochty, and in various woods; Deeside at Upper Banchory. *North. Fl.*
ERYTHRÆA *littoralis*. Gathered near Aberdeen, on the sea-coast, in the parish of Nigg. *North. Fl.*
LITHOSPERMUM *maritimum*. Bay of Nigg; on the beach at Stonehaven, and a little to the southward; also in various places to the north of Stonehaven, usually among stones, but occasionally in sand; abundant and magnificent on the sandy edge of a bay immediately to the north of Garron Point;

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near Johnshaven; at St. Cyrus; between Bervie Water and the village; Portlethen. *North. Fl.*

* ANCHUSA *sempervirens.* Near Stonehaven. *North. Fl.*

LYCOPUS *europæus.* At the Loch of Leys, near Upper Banchory. *North. Fl.*

GLAUX *maritima.* St. Cyrus; Gourdon. *North. Fl.*

PLANTAGO *maritima.* Coast of Kincardine. *North. Fl.*

SALICORNIA *herbacea.* At Brotherton. *North. Fl.*

RUPPIA *maritima.* In the neighbourhood of Bervie. *North. F.*

ERIOPHORUM *vaginatum.* Nigg; Upper Banchory. *North. Fl.*

SCIRPUS *maritimus.* Gourdon in the Mearns. *North. Fl.*

ELEOCHARIS *multicaulis.* Nigg. *North. Fl.*

BLISMUS *rufus.* Abundant in many parts of the Kincardineshire coast, especially between Stonehaven and Muchals; Brotherton; near Portlethen. *North. Fl.*

? CAREX *Davalliana.* Subalpine bogs, Mearnshire. (Prof. J. Beattie.) *Fl. Scot.*

——— *fulva.* Very common in Mearnshire. *Eng. Fl.*

PHLEUM *arenarium.* St. Cyrus. *North. Fl.*

FESTUCA *rubra.* Kincardineshire coast. *North. Fl.*

* BROMUS *secalinus.* Frequent among wheat in Kincardineshire. *North. Fl.*

ELYMUS *arenarius.* St. Cyrus. *North. Fl.*

LXXIV. ABERDEENSHIRE.

WE have hitherto been almost destitute of any account of the botany of Northern Scotland, except a few localities of its rarer plants near the western coast, in Sutherland and in Orkney. This great *desideratum* in British botany is about to be supplied by Dr. Murray; the first part of whose "Northern Flora" has already appeared, and I trust it will speedily be followed by the other two parts which are promised. It has been a subject of regret that we should have been simultaneously engaged in reporting localities for a portion of our island, in regard to which so little has heen hitherto published. Had the materials of either of us been sufficiently arranged, they would have furnished considerable assistance to the other; but the loss to this work is the greater, Dr. Murray treating of the facts under his own eye, and being aided by several botanists at once liberal and accurate in their communications. There is, however, one important difference between the two works, even in the very matters in which they approach nearest to each other. The localities particularly sought by Dr. Murray, of course, are referrible to those species which are rare within his own tract, while the localities named in this work are for species rare with respect to Britain at large, though many of them are abundantly

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common in the North of Scotland. Several of the localities are given from my own personal observation; and I have experienced considerable difficulty here, as well as in other parts of Britain, from being unavoidably ignorant of the local names of hills, streams, &c., which might have facilitated others' search of the plants. As a good deal of attention was also paid to the altitude at which the species were found, some explanations on both these points may be useful. Invercauld Castle, in Braemar, is said to be 1070 feet above the sea-level. The bed of the Dee is a few feet lower, and Castleton a few feet higher. All the plants mentioned to grow about the latter may be considered as at least 350 yards above the sea, and, generally speaking, below 500 yards. "Braemar Moors" will intend the low moory hills round Castleton, and the plants may be said to grow between 500 and 700 yards of elevation. "Mountains above Loch Callater" will indicate the rocky heights which form the boundaries of Forfar and Aberdeen shires, southward of the loch. They extend from 700 to 900 yards, or upwards. "Avon Hills" will signify the south or south-eastern declivities of Ben-na-muick-dhu, Ben-na-Buird, and other parts of the lofty range extending south and east from Cairngorm, and lying several miles north of Castleton. The altitudes are from 800 to 1400 yards.

Mr. Dickie, of Cherry Vale, was kind enough to send me a list of plants, observed within thirteen or fourteen miles of Aberdeen. These are distinguished as species "near Aberdeen." Some of them may belong exclusively to Kincardineshire; but, if so, I have not the means of distinguishing such; and it is by no means improbable that some of the localities taken from the Northern Flora may be thus misplaced.

AUTHORITY.

Dickie, cat.—Catalogue of Plants observed within Fourteen Miles of Aberdeen. Communicated in April, 1836.

THALICTRUM *alpinum*. Avon Hills. *H. W.*
——— *minus*. Links of Rattrey. *Fl. Scot.*
——— *majus*. Near Aberdeen. *Dickie, cat.*
TROLLIUS *europæus*. About Castleton. *H. W.* Near Aberdeen. *Dickie, cat.*
CORYDALIS *claviculata*. Near Aberdeen. *Dickie, cat.*
CAKILE *maritima*. East coast from Aberdeen to Fraserburgh. *Fl. Scot.* Near Aberdeen. *Dickie, cat.*
COCHLEARIA *officinalis*. Near Aberdeen. *Dickie, cat.* Avon Hills *H. W. sp.*
——— *danica*. Sands at Peterhead. *Fl. Scot.*
——— *grœnlandica*. Loch-na-Garr. *Eng. Fl.*
LEPIDIUM *Smithii*. Near Aberdeen. *Dickie, cat.*
TEESDALIA *nudicaulis*. Near Aberdeen. *Dickie, cat.* Sandy hills at Peterhead. *Fl. Scot.*
* KONIGA *maritima*. Near Aberdeen. *Eng. Fl.*
DRABA *rupestris*. Rocks on the summit of Cairngorm. *Fl. Scot.*
SUBULARIA *aquatica*. Near Aberdeen. *Dickie, cat.* Loch Callater.

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Hooker, sp. In the small lake under the rocks where Carex Vahlii grows. *H. W. sp.*

CARDAMINE *amara.* Near Aberdeen. *Dickie, cat.*

ARABIS *petræa.* Avon Hills; and brought down, by streams, to the moors under Ben-na-Buird. *H. W. sp.* Banks of the Dee. *Fl. Scot.*

NASTURTIUM *sylvestre.* Near Aberdeen. *Dickie, cat.*

VIOLA *lutea.* Greystone, in Alford, but in small quantity; much more abundant in Towie and Glenbucket; on Deeside, in the vicinity of Pananick; Glenmuick; and all the way between Abergaldy and Castleton. *North. Fl.* Castleton, and Braemar Moors. *H. W.*

DROSERA *anglica.* Near the base of Ben-na-muick-dhu, ascending from Castleton. *H. W. sp.*

SILENE *nutans.* Near Aberdeen. *Dickie, cat.*

——— *maritima.* Near Aberdeen. *Dickie, cat.*

——— *acaulis.* Avon Hills. *H. W. sp.*

SAGINA *maritima.* At Aberdeen, on the Old Town Links, between the brickwork and the sea; New Pier; Inch; between Craiglug and the sea, on the south side of the river; rocks at Buchanness; Ythan mouth, and coast of Buchan.

SPERGULA *subulata.* Near Aberdeen. *Dickie, cat.*

SPELLARIA *cerastoides.* Ben-na-Buird. *W. Brands, sp.* On the rocks near the summit of the hill, and above a small lake. *H. W.*

CERASTIUM *tetrandrum.* Near Aberdeen. *Dickie, cat.*

——— *arvense.* Near Aberdeen. *Dickie, cat.*

——— *latifolium.* Ben Avon, cleft in a rock on the south side of Loch More. *M. Barry, sp.*

RADIOLA *millegrana.* Near Aberdeen, in the vicinity of the coast, occasionally all the way from the Cove to Belhelvie; also near Park Inn, upon Deeside; in the neighbourhood of Loch Auchlossan, Lumphanan; at Aberdeen, on the Links; Heugh of Crimond, and not uncommon in the district of Buchan. *North. Fl.*

GERANIUM *sylvaticum.* Near Aberdeen. *Dickie, cat.* Castleton; Braemar Moors; Avon Hills. *H. W. sp.*

——— *phæum.* Near Aberdeen. *Dickie, cat.*

——— *sanguineum.* Near Aberdeen. *Dickie, cat.*

VICIA *angustifolia.* Near Aberdeen. *Dickie, cat.*

——— *lathyroides.* Near Aberdeen. *Dickie, cat.*

ASTRAGALUS *hypoglottis.* Near Aberdeen. *Dickie, cat.* Links of St. Fergus. *Fl. Scot.*

——— *glycyphyllos.* Boyne Castle. *G. Gordon, sp.*

MEDICAGO *denticulata.* Near Aberdeen. *Dickie, cat.*

PRUNUS *Padus.* Castleton. *H. W.*

RUBUS *suberectus.* Highlands of Aberdeenshire. *Fl. Scot.*

——— *saxatilis.* Braemar Moors. *H. W.*

——— *Chamæmorus.* Braemar Moors, and Avon Hills. *H. W.* Ben-na-chie. *G. Gordon, mss.*

COMARUM *palustre.* Near Aberdeen. *Dickie, cat.*

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POTENTILLA *alpestris*. In a fir-wood above the Castle at Castleton and the mountains above Loch Callater. *H. W. sp.*

SIBBALDIA *procumbens*. Mountains above Loch Callater; Avon Hills. *H. W.*

ALCHEMILLA *alpina*. At Aberdeen, both above and below the Bridge of Dee, and occasionally in small quantity upon the Inch; Deeside above Charlestown, Lochmuick; Loch-na-Garr; and abounding in the Alpine tract adjacent to the highest parts of Dee; Gairnside; Inch More, near the source of the Don; and on the moors adjacent to that river, as low as Candacraig. *North. Fl.* Braemar Moors, and Avon Hills. *H. W. sp.*

ROSA *spinosissima*. Near Aberdeen. *Dickie, cat.* Near Castleton, on the ascent to Ben-na-Buird. *H. W.*

—— *rubella*. Banks of the Dee about Abergeldy. *Fl. Scot.*

—— *tomentosa* (mollis E. B. 2459.). Banks of the Dee. *Fl. Scot.*

EPILOBIUM *alpinum*. Avon Hills. *H. W.*

CIRCÆA *alpina*. Den of Rubislaw, near Aberdeen; occasionally on the banks of the Dee and Don; woods near Castleton; stony places by the side of Loch-Lee; Donside, at Glenkindy. *North. Fl.*

SEDUM *villosum*. Near Aberdeen. *Dickie, cat.* and *sp.*

RIBES *petræum*. Strathdon. *North. Fl.*

SAXIFRAGA *nivalis*. Mountains above Loch Callater. *H. W. sp.*

———— *stellaris*. Castleton; Avon Hills; Mountains above Loch Callater. *H. W. sp.*

———— *aizoides*. Castleton; Braemar Moors. *H. W.*

———— *rivularis*. Loch-na-Garr. *Hooker, sp.*

———— *cæspitosa*. Ben Avon. *M. Barry, sp.* Ben-na-Buird. *Anderson's Guide.*

———— *lætevirens*. Moist rocks in elevated situations on the mountains. *Eng. Fl.*

CARUM *Carui*. Near Aberdeen. *Dickie, cat.*

FŒNICULUM *vulgare*. Near Aberdeen. *Dickie, cat.*

LIGUSTICUM *scoticum*. Near Aberdeen. *Dickie, cat.*

MEUM *Athamanticum*. Near Aberdeen. *Dickie, cat.* On a green bank, nearly opposite the front of Invercauld House, by the road-side between Castleton and the bridge over the Dee, below the village. *H. W. sp.*

HELOSCIADIUM *repens*. Side of the Fergus above the bridge of Ennis. *Br. Fl.*

ANTHRISCUS *Cerefolium*. Near Aberdeen. *Dickie, cat.*

MYRRHIS *odorata*. Near Aberdeen. *Dickie, cat.*

CORIANDRUM *sativum*. Near Aberdeen. *Dickie, cat.*

CORNUS *suecica*. Avon Hills. *H. W. sp.* Loch-na-Garr, in the descent towards Invercauld; Glenbucket, near the Manse, and, perhaps, not further down than this in Aberdeenshire; hills about Glen Callader. *North. Fl.*

LINNÆA *borealis*. First found in an old fir wood at Inglismaldie, on the borders of Mearnshire, in 1792. *Eng. Fl.* Kingcusie, seven miles from Aberdeen. *Br. Fl.* Crebston, five miles

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from Aberdeen; at Remney, sixteen miles north-west from Aberdeen. *Fl. Scot.* Within three miles of Alford, at Coreen, about twenty yards west of the footpath leading from Culhay to Dubstone, in the north opening of a deep dingle that passes through the top of the hill, amongst Calluna, Arbutus Uva-Ursi, and Vaccinium Vitis-Idæa. *Bot. Misc.* (Possibly some of these localities may be within Kincardineshire.)

GALIUM *boreale.* Castleton and Braemar Moors. *H. W.* A little above the Bridge of Dee, at Aberdeen; and between this bridge and Craiglug; also at Charlestown and Ballater; absent or very rare upon Donside. *North. Fl.*

SONCHUS *alpinus.* On Loch-na-Garr. *Engl. Fl.*

APARGIA *Taraxaci.* Braemar. *Hooker, sp.* I believe to have seen this species on Loch-na-Garr, and the Avon Hills, but am unable, satisfactorily, to distinguish it from A. autumnalis, even with the aid of authentic specimens from Sir W. J. Hooker, and others. *H. W.*

HIERACIUM *alpinum.* Avon Hills. *H. W.*

——— *Halleri.* On rocks near Loch Callater. *Eng. Fl. Corr.*

——— *pulmonarium.* Near Aberdeen. *Dickie, cat.*

——— *aurantiacum.* At Craigston, in the neighbourhood of Turriff. *Fl. Scot.*

——— *prænanthoides.* Just below Castleton, on the banks of the stream flowing towards the Dee. *H. W. sp.* Banks of the Don, in Braemar. *Br. Fl.*

——— *paludosum.* Near Aberdeen. *Dickie, cat.* Castleton. *H. W.*

CNICUS *heterophyllus.* Near Aberdeen. *Dickie, cat.* Castleton. *H. W.*

GNAPHALIUM *dioicum.* Near Aberdeen. *Dickie, cat.* Castleton; Braemar Moors; Avon Hills. *H. W.*

——— *supinum.* Avon Hills; Mountains above Loch Callater. *H. W.*

ASTER *Tripolium.* Near Aberdeen. *Dickie, cat.*

SENECIO *saracenicus.* Bank of Eningtur, a stream flowing into the Don. *Fl. Scot.*

PYRETHRUM *maritimum.* Sea-shore about Aberdeen. *Fl. Scot.*

DORONICUM *Pardalianches.* Near Aberdeen. *Dickie, cat.*

LOBELIA *Dortmanna.* In Lochs of Drum and Kinnord; Loch of Skene. *North. Fl.*

CAMPANULA *latifolia.* Bank of Don, on the north side of the river, a little above Breda, in Alford, with white flowers. *North. Fl.* Near Aberdeen. *Dickie, cat.*

VACCINIUM *Oxycoccos.* Ben-na-Buird, at about the height of 650 yards, ascending from Castleton. *H. W.*

——— *uliginosum.* Avon Hills. *H. W.*

——— *Vitis-Idæa.* Near Aberdeen. *Dickie, cat.* Castleton; Braemar Moors; Avon Hills. *H. W.*

ARBUTUS *Uva-Ursi.* Near Aberdeen. *Dickie, cat.* Braemar Moors; Avon Hills. *H. W.*

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AZALEA *procumbens*. Avon Hills, in many places, from about 700 to 1150 yards; Loch-na-Garr. *North. Fl.*

PYROLA *rotundifolia*. Near Aberdeen. *Dickie, cat.* (Is P. media intended here? It is certainly much the commoner species in the Highland districts.)

——— *media*. Castleton and Braemar Moors. *H. W. sp.*

——— *minor*. Castleton. *H. W. sp.*

* POLEMONIUM *cæruleum*. Near Aberdeen. *Dickie, cat.*

CUSCUTA *europæa*. Near Aberdeen. *Eng. Fl.*

LITHOSPERMUM *maritimum*. A single specimen found in the sand at Don mouth; at the Bay of Nigg; Aberdour, in Buchan; Peterhead; mouth of the Ugie. *North. Fl.*

* ANCHUSA *sempervirens*. At Aberdeen, near the Rubislaw Distillery; Deeside; Old Aberdeen; Hilton; Vale of Alford, in one or two places; Den of Auchmeddin; and various parts of Buchan. *North. Fl.*

SYMPHYTUM *tuberosum*. At Aberdeen, near Powis' Burn, and on the Deeside road, &c.; near Manse of Alford, and in the upper part of the same valley, upon the banks of Don; various parts of Buchan. *North. Fl.*

MYOSOTIS *collina*. Abundant at Aberdeen, on the bent hillocks, south of Don mouth; coast of Buchan. *North. Fl.*

——— *cæspitosa*. Near Aberdeen. *Dickie, cat.*

——— *secunda*. Occasionally around Aberdeen; abundant in a marsh near Guise, Tough; various parts of the Alford district; Buchan; Methlick; Aberdour, &c. *North. Fl.* (Dr. Murray adds this, as another species, to an already encumbered genus, in regard to which it may safely be said, that no botanist could determine the alleged species, by the published descriptions, unless aided by figures or authenticated specimens. Is it not identical with the next?)

——— *repens*. Common in the district of Alford. *Eng. Bott. Supp.*

LINARIA *repens*. Near Aberdeen. *Dickie, cat.*

SCROPHULARIA *vernalis*. In the village of Meithlie. *Fl. Scot.*

MELAMPYRUM *sylvaticum*. West of Aberdeenshire. *G. Gordon, sp.* Woods of Black Hall (Kincardineshire). *Fl. Scot.*

VERONICA *alpina*. On moist places at the foot of the steep cliffs of Loch-na-Garr. *North. Fl.* Ben-na-Buird, on the rocks above the small lake, in the ascent from Castleton; and on the mountains above Loch Callater. *H. W.*

LYCOPUS *europæus*. Near Aberdeen. *Dickie, cat.*

MENTHA *piperita*. Alford. *Br. Fl.*

AJUGA *alpina*? Mountains of Aberdeenshire. *Fl. Scot.* "The Aberdeenshire plant thus named is given up as a mere variety of A. reptans." *Anderson's Guide.*

GALEOPSIS *versicolor*. Near Aberdeen. *Dickie, cat.* Premnay. *G. Gordon, mss.*

LAMIUM *incisum*. Near Aberdeen. *Dickie, cat.*

UTRICULARIA *intermedia*. About twelve miles from Aberdeen, at the edge of an old lake called the Loch of Drum, and in a stream which runs into it. *North. Fl.*

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PRIMULA *elatior*. Buchan, at Inverugie; and at Slains. *North. Fl.*

ANAGALLIS *arvensis* (cærulea). Ferry-hill, near Aberdeen. *North. Fl.*

TRIENTALIS *europæa*. Near Aberdeen. *Dickie, cat.* Castleton, on the roof of a house; Braemar Moors; Avon Hills. *H. W. sp.*

STATICE *Armeria*. Near Aberdeen. *Dickie, cat.* Avon Hills. *H. W.*

GLAUX *maritima*. At Aberdeen, on the Old Town Links; near the Suspension Bridge; at the Cove; Buchan. *North. Fl.*

PLANTAGO *maritima*. Old Aberdeen Links; coast of Buchan; occasionally a few miles from the sea, as in Belhelvic and Rathen; also in the interior, as in the parish of Rayne; Haddo House, upon the wall of the Deer Park; in the Valley of Alford; road-side near Sowie-foot, Clatt. *North. Fl.*

LITTORELLA *lacustris*. Near Aberdeen. *Dickie, cat.*

SALICORNIA *herbacea*. On the coast, a little to the south of the river Ythan. *North. Fl.*

SALSOLA *Kali*. Near Aberdeen. *Dickie, cat.*

CHENOPODIUM *urbicum*. Near Aberdeen. *Dickie, cat.*

ATRIPLEX *littoralis*. Near Aberdeen. *Dickie, cat.*

POLYGONUM *viviparum*. Near Aberdeen. *Dickie, cat.* Castleton *H. W.*

RUMEX *maritimus*. Near Aberdeen. *Dickie, cat.*

OXYRIA *reniformis*. Near Aberdeen. *Dickie, cat.*

EMPETRUM *nigrum*. Near Aberdeen. *Dickie, cat.* Braemar Moors, Avon Hill. *H. W.*

QUERCUS *sessiliflora*. Vale of Alford. *Encycl. Geogr.* and *Bot. Misc.*

BETULA *nana*. On the ascent of Ben-na-Buird, from the Castleton side. *H. W. sp.*

SALIX *herbacea*. Avon Hills; Mountains above Loch Callater. *H. W. sp.*

—— *reticulata*. Rocks on the mountains above Loch Callater. *H. W.*

—— *lanata*. Mountains above Loch Callater. *H. W.*

—— *glauca*. Rocks on the north-east side of Loch-na-Garr. *J. Macnab, sp.*

—— *rosmarinifolia*? Loch-na Garr. *W. Stables, sp.*

PINUS *sylvestris*. The forests about Castleton, as around the Avon Hills, and Loch-na-Garr, are said to be native; and I think that Mr. Macgillivray somewhere mentions trees of either eleven or thirteen feet in girth, in the neighbourhood of Castleton. *H. W.*

TRIGLOCHIN *maritimum*. Near Aberdeen. *Dickie, cat.*

HABENARIA *albida*. On the ascent to Ben-na-muick-dhu, above Lord Fife's shooting cottage. *H. W.*

LISTERA *cordata*. Near Aberdeen. *Dickie, cat.* Castleton; Braemar Moors; lower part of Ben-na-Buird. *H. W. sp.*

GOODYERA *repens*. Near Aberdeen. *Dickie, cat.* and *sp.* Firwood, Deeside. *W. Stables, sp.*

CONVALLARIA *multiflora*. At Kingusie, seven miles from Aberdeen. *Br. Fl.*

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TOFIELDIA *palustris*. Lower part of Ben-na-muick-dhu, shortly above the shooting cottage of Lord Fife.

SPARGANIUM *natans*. Near Aberdeen. *Dickie, cat.*

POTAMOGETON *rufescens*. Abundant in the canal at Aberdeen; occasionally in the Don, throughout its whole course; Corby Loch, near Old Aberdeen; in the Gadie, at Premnay. *North. Fl.*

——— *prælongus*. Loch Kinnord, an old lake in Cromar. *North. Fl.*

——— *lanceolatus*. Near Aberdeen, in the canal, at Kittybrewster; Corby Loch; Lochs of Skene, Drum, and Leys; Buchan. *North. Fl.* Peterhead. *G. Gordon, mss.*

——— *gramineus*. Aberdeenshire. *North. Fl.*

LUZULA *arcuata*. Ben-na-muick-dhu, at the summit. *H. W. sp.* Ben-na-Buird. (Hooker and Greville.) *Winch, add.*

——— *spicata*. On a stone wall in the wood above Invercauld Castle; at Castleton: Braemar Moors; Avon Hills, &c. *H. W. sp.*

JUNCUS *castaneus*. Mountains above Loch Callater. *H. W. sp.*

——— *trifidus*. Avon Hills. *H. W. sp.*

——— *biglumis*. Cairngorm Mountains (and Links of St. Fergus!). *Fl. Scot.*

——— *triglumis*. I do not find this marked in my lists, but believe it occurs in plenty on the hills of this county, as almost everywhere else in the Highlands. *H. W.*

SCHŒNUS *nigricans*. Aberdeenshire. *Dickie, sp.* About seven miles from Aberdeen, in a swamp upon the east side of the road to Udny, near the dark serpentine rocks. *North. Fl.*

BLYSMUS *rufus*. At Aberdeen, on the Old Town Links, but in extremely small quantity; upon the coast a little to the south of Ythan; in Buchan, at St. Fergus. *North. Fl.*

ELEOCHARIS *multicaulis*. In a bog at Smithyhill, Alford; various parts of Donside. *North. Fl.* Abundant in a bog behind the Invercauld Arms, Castleton. *Excurs.*

——— *pauciflora*. Near Aberdeen, at the Stocket. *North. Fl.* Castleton, Braemar. *Anderson's Guide.* Avon Hills. *H. W. sp.*

SCIRPUS *maritimus*. In the river Ythan, between Ellon and the sea; in the marsh at the north end of the Old Town Links, Aberdeen. *North. Fl.*

ERIOPHORUM *vaginatum*. Near Aberdeen, at Nigg, Brediach, Corbie Loch, &c. Loch of Skene, Lumphanan, Upper Banchory, higher parts of the Dee and Don; also upon Morven, Bennachie, and on the Buchan moors. *North. Fl.* Braemar Moors; Avon Hills. *H. W.*

CAREX *pauciflora*. Braemar Moors, towards the lower parts of the Avon Hills. *H. W. sp.*

——— *incurva*. On a sandy flat part of Aberdeen Links, near the mouth of the Don. *Eng. Fl.*

——— *arenaria*. Near Aberdeen. *Dickie, cat.*

——— *intermedia*. Near Aberdeen. *Dickie, cat.*

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CAREX *Vahlii*. On the mountains above Loch Callater. *H. W. sp.* (Unless memory deceives, the following direction will guide to the station, which is quite local:—to keep along the stream, which falls into the head of Loch Callater, until reaching a small lake in the mountains, on the right hand; and above this lake, in the bed of a stream which pours down the rocks towards the lake, the plant is found. The ascent up the stream is very steep.)

——— *teretiuscula*. Near Aberdeen. *Eng. Fl.*

——— *Mielichoferi*. Summit of Cairngorm; mountains of Aberdeenshire. *Fl. Scot.*

——— *capillaris*. Braemar Moors; and on the summit of the little hill immediately behind the Invercauld Arms, Castleton. *H. W. sp.*

——— *rariflora*. Bogs, head of Glen Callater. *W. Brands, sp.*

——— *fulva*. Near Aberdeen. *Dickie, cat.*

——— *binervis*. Very common on the driest moors about Aberdeen. *Eng. Fl.*

——— *lævigata*. Near Aberdeen. *Eng. Fl.*

——— *Œderi*. Near Aberdeen. *Dickie, cat.*

——— *rigida*. Avon Hills. *H. W. sp.*

——— *phæostachya*. Cairngorm; Ben-na-mûick-dhu. *Eng. Bot. Supp.*

ALOPECURUS *alpinus*. Loch-na-Garr. *Fl. Scot.*

* ——— *agrestis*. Near Aberdeen. *Dickie, cat.* Not indigenous. *North. Fl.*

PHLEUM *alpinum*. Ben-na-Buird; mountains above Loch Callater. *H. W.* Loch-na-Garr. *North. Fl.*

——— *arenarium*. Rattray Links: near Aberdeen. *North. Fl.*

CALAMAGROSTIS *Epigejos*. In Braemar, several miles below Invercauld, on the south side of the river, among wood; and on the north bank of the Dee, about ten miles from Aberdeen. *North. Fl.*

AIRA *alpina*. Avon Hills. *H. W.*

AMMOPHILA *arundinacea*. At Aberdeen, on the sand-hills both south and north of Don mouth. *North. Fl.*

MELICA *nutans*. In upland stations, but rather rare, as on the hill adjacent to Ballater House; Corrymulie, Braemar. *North. Fl.*

POA *alpina*. Summit of Loch-na-Garr. *W. Stables, sp.* Ben-na-Buird. *H. W. sp.*

* — *aquatica*. In a pond at Breda, in Alford; but probably introduced. *North. Fl.*

——— *maritima*. At Aberdeen, between Craiglug and the sea; Old Town Links; coast, south of Ythan; coast of Buchan. *North. Fl.*

FESTUCA *rubra*. On every part of the sandy coast. *North. Fl.*

——— *bromoides*. At Aberdeen, on walls about the Old Town; banks of Don, Rubislaw, &c.; Alford; Methlie; Buchan. *North. Fl.*

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* Bromus *secalinus*. On the farm of Mondurno, about 4½ miles from Aberdeen. *North. Fl.*
——— *racemosus*. Near Aberdeen. *Dickie, cat.*
——— *velutinus*. Mentioned by Mr. Dickie; but is rejected by Dr. Murray, as an indigenous plant.
Avena *strigosa*. Deeside, above Mar Lodge. *Br. Fl.*
——— *fatua*. Near Aberdeen. *Dickie, cat.*
——— *alpina*. Crater of Craignacoynach; Inch Marnock, on Deeside; Inch Rory, above the source of the Don. *North. Fl.*
——— *pubescens*. Near Aberdeen. *Dickie, cat.*
Elymus *arenarius*. Between the south end of Footdee Square and the Pier, Aberdeen; on the north side of Don, not far from the sea; on the bents at Ugie mouth; Peterhead Bay. *North. Fl.* Coast near Peterhead. *W. Brands, sp.*
* Lolium *temulentum*. On the farm of Blackhouse near Peterhead; in Buchan, at Philorth; not indigenous. *North. Fl.*
Triticum *junceum*. Rather common at Aberdeen, both to the south and north of Don mouth; Buchan. *North. Fl.*

LXXV. BANFFSHIRE.

* Anemone *apennina*. Has undoubtedly become wild at Cullen, an old family residence of the Earls of Finlatter. *G. Gordon, mss.*
Thalictrum *alpinum*. Glen Avon. *G. Gordon, mss.*
Trollius *europæus*. Avon. *G. Gordon, mss.*
Silene *acaulis*. Glen Avon. *G. Gordon, mss.*
Sagina *maritima*. Banff parish. *North. Fl.*
Rubus *Chamæmorus*. Belrinnes; Corryhabbie; Binhill of Cullen; Knock of Grange. *G. Gordon, mss.*
——— *saxatilis*. Tomantoul, and Boyncastle. *G. Gordon, mss.*
Sibbaldia *procumbens*. Belrinnes. *G. Gordon, mss.*
Rosa *tomentosa* (mollis. E. B. 2459.). Strathavon, Banffshire. *Fl. Scot.*
Epilobium *alsinifolium*. Delnabo. *G. Gordon, mss.*
——— *alpinum*. Belrinnes. *G. Gordon, mss.*
Circæa *alpina*. Holly bank at Gordon Castle. *G. Gordon, mss.* Centre of Banffshire. *North. Fl.*
Sedum *villosum*. Botriphine. *G. Gordon, mss.*
Saxifraga *stellaris*. Belrinnes. *G. Gordon, mss.*
——— *aizoides*. Craig-halkie. *G. Gordon, mss.*
Ligusticum *scoticum*. On the coast. *G. Gordon, sp.*
Cornus *suecica*. Belrinnes. *G. Gordon, mss*
† Hieracium *aurantiacum*. Several woods in Banffshire. *Fl. Scot.*
Gnaphalium *supinum*. Belrinnes, and Glen Avon. *G. Gordon, mss.*
Pyrethrum *maritimum*. Rocks at Down, near Banff. *Eng. Fl.* Near Macduff. *Fl. Scot.*

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CENTAUREA *Jacea*. Enzie. *G. Gordon, mss.*
LOBELIA *Dortmanna*. Loch Builg. *G. Gordon, mss.*
CAMPANULA *latifolia*. Millowood, near Keith. *North. Fl.* (This is the Moray locality, alluded to in the *Northern Flora.*)
† ——— *persicifolia*. Woods near Cullen, apparently indigenous. *Fl. Scot.*
VACCINIUM *uliginosum*. Glen Avon. *G. Gordon, mss.*
ARBUTUS *Uva-Ursi*. Hills of the moorland zone [median region]. *G. Gordon, mss.*
AZALEA *procumbens*. Near Loch Avon. *G. Gordon, sp.*
LITHOSPERMUM *maritimum*. Coast. *G. Gordon, sp.* At Banff, among the sand at the sea-side towards Down; mouth of the Burn of Boyne. *North. Fl.*
SYMPHYTUM *tuberosum*. In the vicinity of Banff. *North. Fl.*
† VERBASCUM *pulverulentum*. In a den near Cullen. *Fl. Scot.*
GALEOPSIS *versicolor*. Drumin. *G. Gordon, mss.*
PLANTAGO *maritima*. Coast of Banff. *North. Fl.*
GLAUX *maritima*. Banff. *North. Fl.*
BETULA *nana*. Glen Avon. *G. Gordon, mss.*
SALIX *herbacea*. Belrinnes. *G. Gordon, mss.*
HABENARIA *albida*. Enzie. *G. Gordon, mss.*
LISTERA *cordata*. Belrinnes, and Gordon Castle woods. *G. Gordon, mss.*
GOODYERA *repens*. Gordon Castle woods. *G. Gordon, mss.*
POTAMOGETON *rufescens*. Near Park. (Mr. Wilson.) *G. Gordon, mss.*
LUZULA *spicata*. Hills in Glen Avon. *G. Gordon, mss.*
BLYSMUS *rufus*. Boyndie Links. *North. Fl.*
CAREX *rigida*. Glen Avon. *G. Gordon, mss.*
PHLEUM *arenarium*. Near Banff. *North. Fl.*
MELICA *nutans*. Head of Banffshire at Loch Builg. *North. Fl.*

LXXVI. ELGINSHIRE.

I AM indebted to the Rev. G. Gordon for a catalogue of the plants found in Moray, a tract of country including the present county, along with that of Nairn, and likewise parts of Ross, Inverness, and Banff shires. Several specimens have also been communicated to me as having been gathered in Moray; and the Northern Flora frequently mentions Moray, as a locality for different plants. Unfortunately, these general indications are of little avail in making *county* lists. Mr. Gordon's Catalogue, however, distinguishes certain species by a mark indicating that they are found in the "lower part of Elginshire," lying between the Findhorn and Spey, and bounded "on the south by a line drawn from Craigellachie to Relugas." These are so noticed in the following list. In addition, other localities are named as belong-

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ing to this county, which may actually be within the limits of adjacent counties; for in this part of Scotland the shires are so much intersected by each other, as to render it almost impossible for a stranger to assign all the small places to their proper counties.

AUTHORITY.

Gordon, cat. A Catalogue of Moray Plants; those found in the lower part of Elginshire. By the Rev. G. Gordon.

TROLLIUS *europæus*. Dovie, &c. *G. Gordon, mss.*
NUPHAR *pumila*. Loch Ballater, near Aviemore. *G. Gordon, sp.* In a loch on the south side of the road leading from Aviemore to Inverness, two miles and a half from the former. *Excurs.*
CORYDALIS *claviculata*. Lower part of Elgin. *Gordon, cat.*
* CRAMBE *orientalis*. Escaped and wild, but not indigenous, at the Bridge of Spey, near Fochabers. *G. Gordon, mss.*
CAKILE *maritima*. Lower part of Elgin. *Gordon, cat.*
COCHLEARIA *anglica*. Lower part of Elgin. *Gordon, cat.*
——— *danica*. Lower part of Elgin. *Gordon, cat.*
——— *grœnlandica*. Lower part of Elgin. *Gordon, cat.*
——— *officinalis*. Lower part of Elgin. *Gordon, cat.*
TEESDALIA *nudicaulis*. Linkwood. *G. Gordon, sp.* Alves, and near Elgin. *W. Stables, sp.*
CARDAMINE *amara*. Lower part of Elgin. *Gordon, cat.*
† ERYSIMUM *cheiranthoides*. Elginshire. (Mr. Fraser.) *G. Gordon, mss.*
† RESEDA *lutea*. Lower part of Elgin, a doubtful native. *Gordon, cat.*
DROSERA *anglica*. Lower part of Elgin. *Gordon, cat.*
SILENE *anglica*. Duffus, and Alves. *G. Gordon, mss.* Lower part of Elgin, perhaps introduced. *Gordon, cat.*
——— *maritima*. Lower part of Elgin. *Gordon, cat.*
SAGINA *maritima*. Lower part of Elgin. *Gordon, cat.*
SPERGULA *subulata*. Lower part of Elgin. *Gordon, cat.*
STELLARIA *nemorum*. Slagginnan, Lynemore, and New Mill of Alves. *G. Gordon, mss.*
ARENARIA *peploides*. Lower part of Elgin. *Gordon, cat.*
——— *marina*. Lower part of Elgin. *Gordon, cat.*
CERASTIUM *arvense*. Springfield, Elgin. *W. Stables, sp.*
——— *tetrandrum*. Lower part of Elgin. *Gordon, cat.*
RADIOLA *millegrana*. Banks of the Spey, between Fochabers and Orton. *Fl. Scot.* Lower part of Elgin. *Gordon, cat.*
ASTRAGALUS *hypoglottis*. Lower part of Elgin. *Gordon, cat.*
——— *glycyphyllos*. Lower part of Elgin. *Gordon, cat.*
VICIA *lathyroides*. Lower part of Elgin. *Gordon, cat.*
PRUNUS *Padus*. Lower part of Elgin. *Gordon, cat.*
SPIRÆA *salicifolia*. Lower part of Elgin, perhaps introduced. *Gordon, cat.*
RUBUS *saxatilis*. Dunphail, &c. *G. Gordon, mss.*

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POTENTILLA *argentea*. Near Ashgrove. *G. Gordon, sp.*
COMARUM *palustre*. Lower part of Elgin. *Gordon, cat.*
ALCHEMILLA *alpina*. Dava. *G. Gordon, mss.*
ROSA *spinosissima*. Lower part of Elgin. *Gordon, cat.*
CIRCÆA *alpina*. Sluie. *G. Gordon, mss.* Spey-side. *North. Fl.*
RIBES *petræum*. Banks of the Spey, above Grantown. *North. Fl.*
SEDUM *anglicum*. Lower part of Elgin. *Gordon, cat.*
——— *villosum*. Lower part of Elgin. *Gordon, cat.*
SAXIFRAGA *aizoides*. Sluie. *Gordon, mss.*
CHRYSOSPLENIUM *alternifolium*. Lower part of Elgin. *Gordon, cat.*
LIGUSTICUM *scoticum*. Covesea, Stotfield, and Cummingstown. *G. Gordon, mss.*
LINNÆA *borealis*. Knock of Alves, near Elgin; Gordon Castle woods. *G. Gordon, sp.*
GALIUM *boreale*. Craigellachie. *G. Gordon, mss.*
† FEDIA *dentata*. Fields near Stotfield and Coltfield, Alves; not indigenous in Moray. *North. Fl.*
HIERACIUM *prenanthoides*. Lower part of Elgin. *Gordon, cat.*
——— *denticulatum*. Sluie, on the Findhorn. *G. Gordon, mss.* Kellas. *Anderson's Guide.*
——— *paludosum*. Lower part of Elgin. *Gordon, cat.*
——— *sylvaticum*. Lower part of Elgin. *Gordon, cat.*
LAPSANA *pusilla*. Near Innes House; Corn-field five miles south from Elgin. *G. Gordon, sp.*
HYPOCHÆRIS *glabra*. Near Elgin. *W. Stables, sp.*
GNAPHALIUM *dioicum*. Lower part of Elgin. *Gordon, cat.*
ASTER *Tripolium*. Lower part of Elgin. *Gordon, cat.*
PYRETHRUM *maritimum*. Lower part of Elgin. *Gordon, cat.*
LOBELIA *Dortmanna*. Loch Baladren; Lochindorb. *Gordon, cat.*
VACCINIUM *Vitis-Idæa*. Lower part of Elgin. *Gordon, cat.*
ARBUTUS *Uva-Ursi*. Pluscarden Hill and Altash; abundant on most of the hills of the moorland zone [median region] in the counties of Elgin, Nairn, Banff, and Inverness. *G. Gordon, mss.*
PYROLA *media*. Lower part of Elgin. *Gordon, cat.* Woods near Forres, belonging to the Earl of Moray. *Fl. Scot.*
——— *minor*. Lower part of Elgin. *Gordon, cat.* Woods at Brodie House. *Fl. Scot.*
——— *secunda*. Sluie, Ardclach, and Briggs; Lossie Mouth, near the sea-level; banks of the Findhorn. *G. Gordon, sp.*
——— *uniflora*. In the oak-wood, Knock of Alves, near Elgin. *Br. Fl.* Fir-wood near Brodie House, by Forres. *Fl. Scot.*
ERYTHRÆA *littoralis*. Burghead. *G. Gordon, sp.* Sea-coast near Brodie House. *Fl. Scot.* West from Burghead. *North. Fl.*
LITHOSPERMUM *maritimum*. Covesea, Burghead, &c. *G. Gordon, mss.*
? ASPERUGO *procumbens*. Burghead. (*Brodie Herbarium.*) *G. Gordon, mss.*
MYOSOTIS *collina*. Lady-hill, Elgin. *W. Stables, sp.*

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† ANCHUSA *sempervirens*. Lower part of Elgin, perhaps introduced. *Gordon, cat.*

† ATROPA *Belladonna*. Lower part of Elgin, perhaps introduced. *Gordon, cat.* Kinloss Abbey. *North. Fl.*

† MENTHA *rubra*. Lower part of Elgin, perhaps introduced. *Gordon, cat.*

* ——— *Pulegium*. Near the church of Birnie. *W. Brands, sp.* Wild, but not native. *G. Gordon, mss.*

LAMIUM *incisum*. Lower part of Elgin. *Gordon, cat.*

ACINOS *vulgaris*. Coltfield; Alves. (Mr. Wilson.) *W. Stables, sp.*

GALEOPSIS *Ladanum*. Alves. *G. Gordon, sp.* Milton-Brodie. (Mr. Wilson.) *W. Stables, sp.*

UTRICULARIA *intermedia*. Lock of Spynie. *G. Gordon, mss.*

TRIENTALIS *europæa*. Oak-wood, Knock of Alves, Logie, Dunphail, Urquhart, &c. &c. *G. Gordon, mss.*

CENTUNCULUS *minimus*. West from Stotfield; sides of Loch Spynie. *North. Fl.* Kinloss. *Winch, add.*

STATICE *Armeria*. Lower part of Elgin. *Gordon, cat.*

GLAUX *maritima*. Lower part of Elgin. *Gordon, cat.*

PLANTAGO *maritima*. Lower part of Elgin. *Gordon, cat.*

LITTORELLA *lacustris*. Lower part of Elgin. *Gordon, cat.*

SALICORNIA *herbacea*. Shore below Brodie. (Brodie Herbarium.) *G. Gordon, mss.* Lossie mouth. *G. Gordon, sp.*

SALSOLA *Kali*. Lower part of Elgin. *Gordon, cat.*

CHENOPODIUM *maritimum*. Lower part of Elgin. *Gordon, cat.*

ATRIPLEX *laciniata*. Lower part of Elgin. *Gordon, cat.*

POLYGONUM *viviparum*. Dunphail, Botriphnie, &c. &c. *G. Gordon, mss.*

OXYRIA *reniformis*. Lower part of Elgin. *Gordon, cat.*

EMPETRUM *nigrum*. Lower part of Elgin. *Gordon, cat.*

PINUS *sylvestris*. Lower part of Elgin. *Gordon, cat.*

TRIGLOCHIN *maritimum*. Lower part of Elgin. *Gordon, cat.*

HABENARIA *albida*. Pluscarden, Knockando, and Birnie. *G. Gordon, mss.*

GOODYERA *repens*. Milton-Brodie Wood; Crookit Wood; Oak-wood; and Altyre. *G. Gordon, mss.* Gordon Castle Woods. *Fl. Scot.*

LISTERA *cordata*. Manoch-hill; Oak-wood; Pluscarden, &c. *G. Gordon, mss.*

CONVALLARIA *majalis*. Lower part of Elgin. *Gordon, cat.*

SCILLA *verna*. Cummingston, Elginshire coast. *G. Gordon, mss.*

SPARGANIUM *natans*. Lower part of Elgin. *Gordon, cat.*

POTAMOGETON *prælongus*. Lochindorb. *North. Fl.*

——— *lanceolatus*. In the Lossie, by Elgin. *Br. Fl.*

RUPPIA *maritima*. Kinloss, near the School-house. *North. Fl.*

ZOSTERA *marina*. Lower part of Elgin. *Gordon, cat.*

JUNCUS *maritimus*. Near Findhorn. *W. Stables, sp.* Near Kinloss Abbey. (Mr. Wilson.) *G. Gordon, sp.*

——— *balticus*. In great abundance along the shore of the Moray Firth, from the Nairn to the Spey, and inland along the

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banks of the Lossie, extending seven or eight miles from the sea. *G. Gordon, sp.* Stotfield, six miles from Elgin. *Br. Fl.*

ERIOPHORUM *vaginatum.* Lower part of Elgin. *Gordon, cat.*

ELEOCHARIS *pauciflora.* Culben sands; near Findhorn. *G. Gordon, sp.*

RHYNCOSPORA *alba.* At Dyke Moss, north of Brodie House. *North. Fl.* and *W. Stables, sp.*

BLYSMUS *rufus.* Loch of Spynie. *G. Gordon, mss.* Common along the sands on the Moray coast, and in moorish bogs for some hundred feet of altitude. *North. Fl.*

CAREX *pauciflora.* Aviemore. *G. Gordon, mss.*

——— *incurva.* At Speyslaw; Burghead; Culben; near Innes House, Urquhart. *G. Gordon, sp.*

——— *teretiuscula.* Loch of Spynie. *G. Gordon, sp.*

——— *Pseudo-Cyperus.* Elginshire. (Mr. Innes.) *G. Gordon, mss.*

——— *fulva.* Lower part of Elgin. *Gordon, cat.*

——— *strieta.* Lower part of Elgin. *Gordon, cat.*

——— *filiformis.* In a bog near Aviemore. *Eng. Fl.*

AMMOPHILA *arundinacea.* Lower part of Elgin. *Gordon, cat.*

MELICA *nutans.* Lower part of Elgin. *Gordon, cat.*

POA *aquatica.* In a burn east of Findhorn; and in ditches east of Birkenhill. *North. Fl.*

——— *maritima.* In Moray, not rare. *North. Fl.* Lower part of Elgin. *Gordon, cat.*

FESTUCA *bromoides.* Lower part of Elgin. *Gordon, cat.*

——— *Calamaria.* Lower part of Elgin. *Gordon, cat.*

——— *rubra.* Lower part of Elgin. *Gordon, cat.*

BROMUS *secalinus.* Lower part of Elgin, perhaps introduced. *Gordon, cat.* Corn-fields in Drainy, and at Spynie. *North. Fl.*

AVENA *pubescens.* Knock of Alves; Logie. *G. Gordon, mss.*

LOLIUM *temulentum.* Springfield, near Elgin. *W. Stables, sp.* Corn-field, a mile and half south from Elgin. *W. Brands, sp.* Birnie. *North. Fl.*

ELYMUS *arenarius.* Stotfield, west of Burghead; but rare in Moray. *North. Fl.*

TRITICUM *junceum.* Lower part of Moray. *Gordon, cat.*

LXXVII. NAIRNSHIRE.

CORYDALIS *claviculata.* Cawdor Wood. *W. Stables, sp.*

STELLARIA *nemorum.* Ardclach and Cawdor. *G. Gordon, mss.*

CERASTIUM *arvense.* Viewfield. *W. Stables, sp.*

RUBUS *saxatilis.* Cawdor Wood. *W. Stables, sp.*

SAXIFRAGA *stellaris.* Dulsie Bridge. *G. Gordon, mss.*

HYPOCHÆRIS *glabra.* Cawdor. *W. Stables, sp.*

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LOBELIA *Dortmanna*. Lochlee. *G. Gordon, mss.*
ARBUTUS *Uva-ursi*. Nairnshire. *G. Gordon, mss.*
PYROLA *media*. Moor near Cawdor. *W. Stables, sp.*
——— *minor*. Cawdor Woods. *W. Stables, sp.*
——— *secunda*. Cawdor Woods. *W. Stables, sp.*
RHINANTHUS *major*. Near Boath (Mr. Brichan); farm of M * *, parish of Auldearn; Howford. *W. Stables, sp.*
LYCOPUS *europæus*. Bog-side of Boath. *W. Stables, sp.* Near Cawdor. *W. Brands, sp.*
MENTHA *sylvestris*. Nairnshire. (Mr. Brichan.) *W. Stables, sp.*
† LEONURUS *Cardiaca*. Ruins of Pennick Castle. (Mr. Brichan.) *W. Stables, sp.*
UTRICULARIA *intermedia*. Moss of Inshoch. (Mr. Brichan.) *W. Stables, sp.*
TRIENTALIS *europæa*. Cawdor Woods. *W. Stables, sp.* Frequent in Nairnshire and all the Northern counties. *G. Gordon, mss.*
CENTUNCULUS *minimus*. Sea-coast near Lochlee. *W. Stables, sp.*
POLYGONUM *viviparum*. Auchindown. *G. Gordon, mss.*
SALICORNIA *herbacea*. On the Moray coast, east of Nairn Harbour. *North. Fl.*
GOODYERA *repens*. Cawdor Woods. *W. Stables, sp.*
GAGEA *lutea*. Near Black-hills. *W. Stables, sp.*
CONVALLARIA *majalis*. Cawdor Woods. *W. Stables, sp.*
POTAMOGETON *prælongus*. Lochlee; Moss of Litie (Mr. Brichan). *W. Stables, sp.*
JUNCUS *maritimus*. Lochlee. (Mr. Brichan.) *W. Stables, sp.*
——— *balticus*. In great abundance along the shore of the Moray Firth, from the Nairn to the Spey. *G. Gordon, sp.*
ELEOCHARIS *multicaulis*. Near Auldearn; Lochlee. *W. Stables, sp.* Wet moors, west of Inshoch Castle; Moss of Litie. *North. Fl.*
BLYSMUS *rufus*. South shore of the Moray Firth, frequent. *G. Gordon, mss.*
CAREX *incurva*. Coast east of Nairn. *W. Stables, sp.*
FESTUCA *calamaria*. Cawdor Woods. *North. Fl.*
AVENA *pubescens*. Boath. *North. Fl.*
LOLIUM *temulentum*. East of Nairn. *North. Fl.*

LXXVIII. INVERNESSHIRE.

THALICTRUM *alpinum*. Craigue. *G. Gordon, mss.* On the Red Cairn *, and the north and west sides of Ben Nevis, in several places. *H. W.*

* The Red Cairn is the rough granitic (or sienitic) ridge, northward of the snow-rocks on Ben Nevis. I ascended it on the declivity fronting Neptune's Staircase, and descended it by the precipitous slope, on the contrary side to Ben Nevis. By "west" is meant the side ascended, and by "north" is to be understood the side descended, though not exact to the points of the compass.

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TROLLIUS *europæus*. Badenoch. *G. Gordon, mss.* North side of Red Cairn, up to 950 yards. *H. W.*

NUPHAR *pumila*. Lochs at Kilhuntly, in Badenoch. *G. Gordon, mss.* At Farletter, Badenoch. *Anderson's Guide.*

DRABA *incana*. Skye. *Fl. Scot.*

ARABIS *petræa*. Baikeval, in Rum, abundantly; Ben-na-cailleach, in Strath, in the Isle of Skye. *Fl. Scot.*

COCHLEARIA *officinalis*. North side of Red Cairn; rocks below the snow rocks on Ben Nevis, and above the lake on the west side of the hill, at 1200 yards. *H. W.*

VIOLA *lutea*. At Ruthven, in Badenoch. *North. Fl.*

DIANTHUS *deltoides*. Cromwell's Mount, Campbelltown. *W. Stables, sp.*

SILENE *acaulis*. Glenfeshie. *G. Gordon, mss.* Ben Nevis, in several places, and to the summit of Red Cairn. *H. W.*

——— *maritima*. At about 2000 feet of elevation on Ben Nevis; again at a height probably exceeding 3000 feet; Red Cairn, at 900 to 1200 yards. *H. W.*

† ——— *anglica*. In a field near Culloden, in great abundance. *Excurs.*

SAGINA *maritima*. Coast of Skye. *Fl. Scot.* Summit of Ben Nevis. *Eng. Fl.* (May not the latter locality be referrible to Spergula saginoides?)

STELLARIA *scapigera*. About Loch Nevis. *Fl. Scot.*

——— *cerastoides*. Badenoch side of Cairngorm. *G. Gordon, sp.* North side of Red Cairn, and on wet granite (or sienite?) rocks below the snow, on the north side of Ben Nevis. *H. W. sp.*

CERASTIUM *latifolium*. On the north and west sides of Ben Nevis; north side of Red Cairn. *H. W. sp.*

——— *alpinum*. Ben Nevis. *Fl. Scot.*

CHERLERIA *sedoides*. On Baikeval, in Rum. *Fl. Scot.*

GERANIUM *sylvaticum*. Lower Fall of Foyers. *H. W.*

——— *sanguineum*. About Inverness. *Fl. Scot.*

HYPERICUM *Androsæmum*. Arisaig; Skye. *Anderson's Guide.*

? OROBUS *niger*. Craiganain, near Moy House, has been given as a locality for this plant, but several late attempts to find it have failed. *Anderson's Guide.*

——— *sylvaticum*. Baikeval, in Rum. *Fl. Scot.*

PRUNUS *Padus*. About Inverness. *Fl. Scot.*

RUBUS *suberectus*. Near Loch Ness. *Fl. Scot.*

——— *saxatilis*. Badenoch. *G. Gordon, mss.* By one of the streams from the snow rocks on Ben Nevis. *H. W.*

——— *Chamæmorus*. Craigue, Badenoch. *G. Gordon, sp.*

DRYAS *octopetala*. On the limestone rocks in Skye. *Fl. Scot.*

SIBBALDIA *procumbens*. Badenoch side of Cairngorm. *G. Gordon, sp.* Nevis Mountains, at 2000—4000 feet. *H. W. sp.*

ALCHEMILLA *alpina*. Badenoch. *G. Gordon, mss.* Both the Falls of Foyers; Ben Nevis; Red Cairn; &c. *H. W.*

EPILOBIUM *alpinum*. Red Cairn; Ben Nevis. *H. W. sp.* Badenoch. *G. Gordon, mss.*

——— *alsinifolium*. Ben Nevis. *Fl. Scot.*

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CIRCÆA *alpina*. Lochness and Corpach. *G. Gordon, mss.* Fall of Foyers. *North. Fl.*

RHODIOLA *rosea*. Fall of Foyers, and Craigue. *G. Gordon, mss.* Rocks below the snow on Ben Nevis; Red Cairn. *H. W.*

COTYLEDON *Umbilicus*. Near Campbell-town. *Fl. Scot.*

RIBES *petræum*. Foot of Craignethie, and banks of the Spey, Badenoch. *G. Gordon, sp.*

SAXIFRAGA *stellaris*. Ben Nevis and Red Cairn. *H. W. sp.* Badenoch. *G. Gordon, mss.*

——— *aizoides*. Rocks by the road-side, within a few feet of the sea-level, between Fort William and Loch Leven. *H. W.*

——— *oppositifolia*. Glenfeshie. *Gordon, mss.*

——— *rivularis*. Shortly below the snow on the rocks of Ben Nevis; near the summit of Red Cairn. *H. W. sp.* Near the summit of Ben Nevis, on the east side; near the lake on the ascent to Ben Nevis. *Fl. Scot.* (I should doubt the last locality.)

——— *cæspitosa*. Among the rocks, near the summit of Ben Nevis. *Comp.*

——— *hypnoides*. Glen under the snow rocks on Ben Nevis; and above the lake on the west side. *H. W.*

ŒNANTHE *pimpinelloides*. Isle of Tiree. *Fl. Scot.*

? PETROSELINUM *segetum*. Grass-field in the Isle of Tiree. (Dr. Walker.) *Fl. Scot.*

* ——— *sativum*. Rocks by the sea-side, at Dunvegan, in Skye, but near M'Leod's Castle. *Fl. Scot.*

MEUM *athamanticum*. North side of Loch Ness. *Fl. Scot.*

LIGUSTICUM *scoticum*. Skye. *Fl. Scot.*

* ANTHRISCUS *Cerefolium*. Near Granton, escaped. *W. Brands, sp.*

CORNUS *suecica*. Ben Nevis, between the lake and snow rocks. *H. W. sp.* Cairneiler. *G. Gordon, mss.* About Inverness. *Fl. Scot.*

LINNÆA *borealis*. In a fir wood, called Drummond, one mile to the south-west of Inverness. *Fl. Scot.*

GALIUM *boreale*. Badenoch; Fort William; Glen-morrison. *G. Gordon, mss.*

HIERACIUM *alpinum*. Craigue. *G. Gordon, mss.* Cairngorm. *Hooker, sp.* Near the lake on Ben Nevis. *H. W. sp.* Skye. *Fl. Scot.*

——— *prenanthoides*. Near Pitmain. *Fl. Scot.*

APARGIA *Taraxaci*. Badenoch. *G. Gordon, mss.* Isle of Skye. *Eng. Fl.*

SAUSSUREA *alpina*. Skye; mountains in Rum. *Fl. Scot.*

GNAPHALIUM *dioicum*. Near Inverness; near Neptune Inn, at the west end of the Caledonian canal; by the lake on Ben Nevis. *H. W.* The variety "hyperboreum," in the Isle of Skye. *Br. Fl.*

——— *supinum*. Red Cairn; in many places on Ben Nevis. *H. W. sp.* Badenoch hills. *G. Gordon, mss.*

LOBELIA *Dortmanna*. Loch Baladren, near Aviemore. *W. Stables, sp.*

VACCINIUM *Vitis-Idæa*. Lower Fall of Foyers; by the lake on Ben Nevis, and under the snow rocks. *H. W.*

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VACCINIUM *uliginosum*. Badenoch. *G. Gordon, sp.* North side of Red Cairn; north and west sides of Ben Nevis. *H. W. sp.*

ARBUTUS *alpina*. By the lake on Ben Nevis; and on the west side of Red Cairn. *H. W. sp.* Near Garviemore. *Winch, add.* On Ben-na-grion, in Skye. *Fl. Scot.*

——— *Uva-ursi*. Plentiful in several places by the high-road from Dulnacardoch to Inverness; west side of Red Cairn; Ben Nevis, as high as the lake. *H. W. sp.* Abundant on hills in the Moorlands. *G. Gordon, mss.*

AZALEA *procumbens*. By the lake on Ben Nevis. *H. W. sp.* Benvochart, near Inverness. *Fl. Scot.* Cairngorm. *North. Fl.*

PYROLA *rotundifolia*. Banks of the dam at King's-mills, near Inverness. *Anderson's Guide.* Culloden Woods. *Fl. Scot.*

——— *secunda*. Farletter and Craignuan. *G. Gordon, mss.* Culloden Woods. *Fl. Scot.*

GENTIANA *nivalis*. Inverness. *Boué, Inaug. Diss.*

LITHOSPERMUM *maritimum*. Fort George. *G. Gordon, mss.*

BARTSIA *alpina*. Inverness. *Boué, Inaug. Diss.*

VERONICA *alpina*. A few feet from the summit of Red Cairn, and near the springs below the snow rocks on Ben Nevis. *H. W. sp.* Garway Moor. *Fl. Scot.* Mountains north from Loch Erricht, in Badenoch. *Winch, mss.*

AJUGA *pyramidalis*. On Ben Nevis. *Fl. Scot.* Strath Erric. *Br. Fl.*

PINGUICULA *lusitanica*. Skye. *Fl. Scot.* Ben Nevis. *Winch, add.*

UTRICULARIA *minor*. Corryattachan, in Skye. *Fl. Scot.*

TRIENTALIS *europæa*. Near Inverness (Craig Phadrick?) *H. W.* Field of Culloden. *Fl. Scot.*

STATICE *Armeria*. Summit of Red Cairn; rocks below the snow on Ben Nevis. *H. W.*

PLANTAGO *maritima*. North-west side of Ben Nevis, at about 450 yards of elevation. *H. W.*

CHENOPODIUM *maritimum*. Near M'Kennon's Castle, Skye. *Fl. Scot.*

POLYGONUM *viviparum*. Ben Nevis; Red Cairn. *H. W.*

OXYRIA *reniformis*. Ben Nevis; Red Cairn. *H. W.*

EMPETRUM *nigrum*. Plentiful round the lake on Ben Nevis, and adjacent slopes; Red Cairn. *H. W.*

BETULA *nana*. Near Aviemore. *Hooker, sp.* Cairneiler. *G. Gordon, mss.*

SALIX *Russeliana*? Near Inverness, towards Culloden Moor. *H. W. sp.*

——— *arenaria*. Glen under the snow rocks, on Ben Nevis; north side of Red Cairn. *H. W.*

——— *phillyreifolia*. Glen Tarfe, near Fort Augustus. *Eng. Bot. Supp.*

——— *Croweana*. Glen Nevis. *Fl. Scot.*

——— *Borreriana*. Glen Nevis. *Eng. Fl.*

——— *procumbens*. Brae-Riach, one of the Cairngorm range. *Br. Fl.*

——— *myrsinites*. Brae-Riach. *Br. Fl.*

——— *herbacea*. Ben Nevis, descending as low as the outlet of the lake; Red Cairn. *H. W. sp.* Craigue. *G. Gordon, sp.*

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HABENARIA *albida*. Badenoch. *G. Gordon, mss.* Near Inverness. *Fl. Scot.*

LISTERA *cordata*. Badenoch. *G. Gordon, mss.* Below the lake on Ben Nevis. *H. W.*

GOODYERA *repens*. Forest of Glenmore. *Hooker, sp.* Castle Grant. *G. Gordon, mss.* Wood near Moy Hall, on the road to Inverness; wood at Culloden, near Inverness, sparingly. *Fl. Scot.*

CONVALLARIA *majalis*. Badenoch birch banks, clearly indigenous. *G. Gordon, sp.*

TOFIELDIA *palustris*. Glenfeshie and Cairneiler. *G. Gordon, mss.*

RUPPIA *maritima*. Glen Elg. *Fl. Scot.*

ZOSTERA *marina*. Sands at Fort George. *W. Stables, sp.*

LUZULA *spicata*. Summit of Red Cairn, and in several places on that hill and Ben Nevis. *H. W. sp.* Badenoch. *G. Gordon, mss.*

JUNCUS *trifidus*. Ben Nevis; Red Cairn. *H. W. sp.*

——— *biglumis*. Ben Nevis. *Fl. Scot.*

ERIOCAULON *septangulare*. Isle of Skye. *W. Stables, sp.* In two or three small fresh-water lakes, about a mile west of Loch Sligachan, in Skye, but particularly in a small lake called Lochna-Caiplick, close to the road-side, between Sligachan and Drynoch; and in a small lake by the road-side, leading from Sconsar to Giesto, in Skye. *Fl. Scot.* Coll, and a few of the neighbouring islands. *Br. Fl.*

ELEOCHARIS *multicaulis*. Isle of Skye. *Fl. Scot.*

BLYSMUS *rufus*. Skye. *Winch, add.*

ERIOPHORUM *vaginatum*. Ben Nevis. *H. W.*

CAREX *pauciflora*. Merlentugal, the ascent to Ben Nevis. *Fl. Scot.*

——— *pulla*. North side of Red Cairn. *H. W. sp.* Mountain about Loch Seavig in Skye. *Br. Fl.*

——— *phæostachya*. Upon rocks on the high mountains of Cairngorm. *Eng. Fl.*

——— *rigida*. Ben Nevis; Red Cairn. *H. W. sp.*

——— *filiformis*. Bog near Aviemore. *Fl. Scot.*

ALOPECURUS *alpinus*. Mountains of the Cairngorm range, near Loch Ennich. *G. Gordon, mss.*

PHLEUM *alpinum*. Garway Moor. *Fl. Scot.*

AIRA *alpina*. Red Cairn; Ben Nevis. *H. W. sp.* Cairngorm range, near Loch Ennich. *G. Gordon, mss.*

POA *maritima*. Isles of Oronsay and Skye. *Fl. Scot.*

——— *alpina*. Near the summit of Red Cairn. *H. W. sp.*

FESTUCA *Calamaria*. Fort Augustus. *Fl. Scot.*

AVENA *strigosa*. Skye. *Br. Fl.*

——— *pubescens*. Craigue. *G. Gordon, mss.*

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LXXIX. ROSSHIRE.

Including Cromartyshire.

AUTHORITY.

Gordon, cat. — Catalogue of Plants observed in Ross-shire. Rev. G. Gordon.

THALICTRUM *alpinum.* Auchterchlow, in the Black Isle, along with Pinguicula alpina, among corn-fields. *W. Stables, sp.* Ben Wevis. *G. Gordon, mss.*

——— *minus.* Nigg. (J. B.)* *W. Stables, sp.*

TROLLIUS *europæus.* Auchterchlow. *G. Gordon, mss.*

CORYDALIS *claviculata.* Rosshire. *Gordon, cat.*

DRABA *incana.* Nigg. (J. B.) *W. Stables, sp.*

† CAMELINA *sativa.* Ethie, in the Black Isle. *W. Stables, sp.*

ARABIS *petræa.* Freevater. *Anderson's Guide.*

DROSERA *anglica.* Rosshire. *Gordon, cat.*

SILENE *acaulis.* Freevater. *Graham, sp.*

——— *maritima.* Shore at Kessock. *H. W.*

DIANTHUS *deltoides.* Rosshire. *Br. Fl.*

SAGINA *maritima?* Near Bonar Bridge. *W. H. Campbell, sp.*

ARENARIA *peploides.* Rosshire. *Gordon, cat.*

CHERLERIA *sedoides.* Rosshire. (G. Smith, Esq.) *G. Gordon, mss.*

RADIOLA *millegrana.* Rosshire. *Gordon, cat.* Near Invergordon. *Johnston, mss.*

HYPERICUM *Androsæmum.* Loch Maree. (G. Anderson, Esq.) *G. Gordon, mss.*

GERANIUM *sanguineum.* Abundant near Avoch. *G. Gordon, mss.*

——— *sylvaticum.* Rosshire. *Gordon, cat.*

OXYTROPIS *uralensis.* Nigg. (Mr. Brichan.) *G. Gordon, mss.* On a rocky soil at Cromarty. *Fl. Scot.*

ASTRAGALUS *hypoglottis.* Rosshire. *Gordon, cat.*

——— *glycyphyllos.* Rosshire. *Gordon, cat.*

VICIA *lathyroides.* Rosshire. *Gordon, cat.*

PRUNUS *Padus.* Rosshire. *Gordon, cat.*

* SPIRÆA *salicifolia.* Rosshire. *Gordon, cat.*

DRYAS *octopetala.* Rosshire. *Gordon, cat.* On a vast limestone tract, called Creg-achnocaen, on the confines of Rosshire and Sutherland. *Fl. Scot.*

RUBUS *suberectus.* In several places by the road-side, between Dingwall and Kessock. *H. W.*

* "J. B." following the localities communicated by Mr. Stables, I believe refers to Mr. J. Brichan.

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RUBUS *Chamæmorus.* Ben Wevis. *G. Gordon, mss.*
——— *saxatilis.* Rosshire. *Gordon, cat.*
ROSA *spinosissima.* Rosshire. *Gordon, cat.*
COMARUM *palustre.* Rosshire. *Gordon, cat.*
SIBBALDIA *procumbens.* Ben Wevis. *G. Gordon, mss.*
ALCHEMILLA *alpina.* Freevater. *W. H. Campbell, sp.* Ben Wevis. *G. Gordon, mss.*
EPILOBIUM *alpinum.* Rosshire. *Gordon, cat.*
CIRCÆA *alpina.* Avoch-wood. *G. Gordon, mss.*
RHODIOLA *rosea.* Ben Wevis. *G. Gordon, mss.*
SAXIFRAGA *stellaris.* Rosshire. *Gordon, cat.*
——— *aizoides.* Kilmorach and Rosemurkie. *G. Gordon, mss.* Swampy ground by the road-side north-west of Kessock, at a slight elevation. *H. W.*
——— *oppositifolia.* Rosshire. *Gordon, cat.*
* CARUM *Carui.* Rosshire. *Gordon, cat.*
† MYRRHIS *odorata.* Rosshire. *Gordon, cat.*
LINNÆA *borealis.* Near Brahan Castle. *Br. Fl.*
CORNUS *suecica.* Ben Wevis. *G. Gordon, sp.* Freevater. ——? *sp.* Corriemoulie, Glascarnoch, Kinlochluchairt, Achnanaut, Achnashun. *North. Fl.* About Loch Broom. *Fl. Scot.*
GALIUM *boreale.* Ben Wevis. *G. Gordon, mss.* Highlands of Ross, very common. *North. Fl.*
APARGIA *Taraxaci.* Ben Wevis. *G. Gordon, mss.*
HIERACIUM *alpinum.* Frequent on the highest mountains. *Anderson's Guide.*
——— *denticulatum.* Contin. *Anderson's Guide.*
——— *sylvaticum.* Rosshire. *Gordon, cat.*
——— *paludosum.* Rosshire. *Gordon, cat.*
SAUSSUREA *alpina.* Rosshire. (G. Smith, Esq.) *G. Gordon, mss.*
CNICUS *heterophyllus.* Rosshire. *Gordon, cat.*
GNAPHALIUM *dioicum.* Rosshire. *Gordon, cat.*
——— *supinum.* Ben Wevis. *G. Gordon, mss.*
? SENECIO *paludosus.* Rosshire. *Gordon, cat.* (Has this been accidentally marked, in the Catalogue, instead of S. aquaticus?)
ASTER *Tripolium.* Rosshire. *Gordon, cat.*
PYRETHRUM *maritimum.* Rosshire. *Gordon, cat.*
LOBELIA *Dortmanna.* Loch Luchairt; Loch Cullen, &c. *North. Fl.*
VACCINIUM *Vitis-Idæa.* Rosshire. *Gordon, cat.*
——— *uliginosum.* Ben Wevis. *G. Gordon, mss.*
——— *Oxycoccos.* Rosshire. (G. Smith, Esq.) *G. Gordon, mss.*
ARBUTUS *alpina.* Ben Wevis. *G. Gordon, sp.* Freevater. *G. Macnab, sp.* Mountains to the south of Little Loch Broom, and between Loch Broom and Loch Mari; Bennaish, and hills in Coygach. *Fl. Scot.*
AZALEA *procumbens.* Ben Wevis. *Fl. Scot.* Hills of Rosshire. *North. Fl.*
PYROLA *uniflora.* Coul. *G. Gordon, sp.*
——— *secunda.* Torecheltie. *G. Gordon, mss.* Shady birch woods,

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among moss, about Little Loch Broom and Loch Mari. *Fl. Scot.*

PYROLA *minor*. Rosshire. *Gordon, cat.*

——— *media*. Rosshire. *Gordon, cat.* "Pyrola media, minor, and secunda occur frequently in the lower heaths and rocky burns of Ross, Inverness, Nairn, and Elgin shires." *Anderson's Guide.*

LITHOSPERMUM *maritimum*. Rosshire. *G. Gordon, mss.*

† ANCHUSA *sempervirens*. Rosshire. *G. Gordon, mss.*

BARTSIA *alpina*. Rosshire. *Gordon, cat.*

MELAMPYRUM *sylvaticum*. Wooded ravine above the village of Auchterneid, Strathpeffer. (Mr. Wilson.) *W. Stables, mss.*

LYCOPUS *europæus*. Margin of Loch Aichaltie, at Craigdarroch. (Mr. Wilson.) *W. Stables, mss.* Strathpeffer, between Highfield and Contin, opposite Miryford. *North. Fl.*

AJUGA *pyramidalis*. Upon Tor Aichaltie, a hill near Brahan Castle. *Fl. Scot.* "This plant has disappeared from its old habitation Tor Echiltie, but it is said to have been discovered in other places in Rosshire. Its being a distinct species is questionable." *Anderson's Guide.* ("Aichaltie" and "Echiltie" are probably the same place. What is intended by the doubt respecting the present plant being a "distinct species," I do not quite understand. If any species of the same genus are to be held distinct from each other, surely this and Ajuga reptans are so.)

GALEOPSIS *versicolor*. Rosshire. *G. Gordon, mss.*

† LAMIUM *maculatum*. Rosshire. *Gordon, cat.* Road-side between Maryburgh and Bridge-end, near a house. *H. W.* (Seen from a stage-coach only, but not likely to have been mistaken.)

STACHYS *ambigua*. Near Jane Town, Loch Carron. *Fl. Scot.*

OROBANCHE *rubra*. On a small island, not far from the mainland, Gareloch, Rosshire. *R. B. Bowman, mss.*

PINGUICULA *alpina*. Near Loch Avoch. *G. Gordon, sp.* Raddley. (Dr. Nicholson.) *W. H. Campbell, sp.* Bogs of Auchterflow and Shannon, on the Roschaugh property. *Br. Fl.* Between Munlochy Bay and Invergordon, in the Black Isle. *Anderson's Guide.* (These descriptions appear to refer to adjacent localities, if not to a single one.)

——— *lusitanica*. Abundant in the parish of Contin, or Government Church District of Gurdy, or Kinlochlichart, from Garvie to Achnanault, the very interior of Rosshire. *North. Fl.* Castle Leod, the only station yet discovered in the east of Scotland. (Mr. Wilson.) *G. Gordon, mss.*

TRIENTALIS *europæa*. Rosshire. *Gordon, cat.*

STATICE *Armeria*. Rosshire. *Gordon, cat.*

PLANTAGO *maritima*. Dingwall. *H. W.*

LITTORELLA *lacustris*. The Black Isle. *W. Stables, sp.*

CHENOPODIUM *maritimum*. Glen-beg and Loch Broom. *Fl. Scot.*

SALICORNIA *herbacea*. Munlocky Bay. *North. Fl.*

ATRIPLEX *laciniata*. Rosshire. *Gordon, cat.*

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POLYGONUM *viviparum*. Rosshire. *Gordon, cat.* (See Carex capillaris.)

OXYRIA *reniformis*. Ben Wevis. *G. Gordon, mss.*

EMPETRUM *nigrum*. Rosshire. *Gordon, cat.*

* ULMUS *glabra*. Rosshire. *Fl. Scot.* In the British Flora, Sir. W. J. Hooker says that Scotland has only one native species of elm, the U. montana. The name of U. glabra is introduced into the Flora Scotica of this author on the authority of Lightfoot's Flora.)

BETULA *nana*. Ben Wevis. *G. Gordon, sp.* Moors of Loch Glass. *Fl. Scot.* Abundantly on the higher hills of Rosshire and more northern counties. *Anderson's Guide.*

SALIX *herbacea*. Ben Wevis. *G. Gordon, mss.*

TRIGLOCHIN *maritimum*. Rosshire. *Gordon, cat.*

HABENARIA *albida*. Rosshire. *Gordon, cat.*

GOODYERA *repens*. In a wood called Cadue at Dundonald, by Little Loch Broom. *Fl. Scot.*

LISTERA *cordata*. Ben Wevis. *G. Gordon, mss.*

MALAXIS *paludosa*. South side of a stream above Castle Leod, Rosshire. (Mr. Wilson.) *W. Stables, sp.* Near Freevater. *Excurs.*

CORALLORHIZA *innata*. Wood near Contin. *G. Gordon, mss.* Moist hanging wood on the south side near the head of Little Loch Broom. *Fl. Scot.*

TOFIELDIA *palustris*. Rosshire. (G. Smith, Esq.) *G. Gordon, mss.*

SPARGANIUM *natans*. Rosshire. *Gordon, cat.*

JUNCUS *balticus*. Rosshire. *Gordon, cat.*

——— *triglumis*. Rosshire. (G. Smith, Esq.) *G. Gordon, mss.*

——— *trifidus*. Rosshire. *Gordon, cat.*

LUZULA *spicata*. Ben Wevis. *G. Gordon, mss.*

ERIOPHORUM *pubescens*. Near Allangrange. *G. Gordon, sp.*

——— *vaginatum*. Rosshire. *Gordon, cat.*

SCIRPUS *maritimus*. Dingwall. *G. Gordon, mss.* Near Bonar Bridge. *North. Fl.*

ELEOCHARIS *multicaulis*. Rosshire. *Gordon, cat.*

——— *pauciflora*. Rosshire, at Kincardine, near Bonar Bridge. *North. Fl.*

RHYNCOSPORA *alba*. Rosshire. *G. Gordon, cat.*

SCHŒNUS *nigricans*. Rosshire. *G. Gordon, cat.* Black Isle. *North. Fl.*

BLYSMUS *rufus*. In the neighbourhood of Cromarty. *North. Fl.*

CAREX *pauciflora*. Torechelty. *G. Gordon, mss.*

——— *arenaria*. Rosshire. *Gordon, cat.*

——— *capillaris*. Bog east of Auchterchlow, in the Black Isle, among corn fields, with Pinguicula alpina, Thalictrum alpinum, and Polygonum viviparum. *W. Stables, sp.*

——— *fulva*. Rosshire. *Gordon, cat.*

——— *binervis*. Rosshire. *Gordon, cat.*

——— *rigida*. Ben Wevis. *G. Gordon, mss.*

——— *pulla*. Rosshire. (G. Smith, Esq.) *G. Gordon, mss.*

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? CAREX *strigosa*. Rosshire. *Gordon, cat.* (Has the name of this species been marked accidentally in lieu of Carex sylvatica in Mr. Gordon's catalogue?)
ALOPECURUS *alpinus*. North side of Ben Wevis. *Anderson's Guide.*
MELICA *nutans*. Rosshire. *G. Gordon, sp.*
POA *maritima*. Loch Broom. *Fl. Scot.*
FESTUCA *bromoides*. Rosshire. *Gordon, cat.*
BROMUS *secalinus*. Rosshire. *Gordon, cat.*
TRITICUM *junceum*. Rosshire. *Gordon, cat.*

LXXX. SUTHERLAND.

THALICTRUM *minus*. Near Farr Kirk. *H. W.*
——— *alpinum*. On the shores of Keoldale, a few miles to the westward of Loch Erriboll; and at the mouth of the Naver. *Excurs.*
TROLLIUS *europæus*. Farr. *H. W.*
COCHLEARIA *officinalis*. Shore at Farr. *H. W.*
DRABA *incana*. Rocks on the coast, near the ferry, below Betty Hill Inn, Farr Kirk; near Hailam Inn, Loch Erriboll, and on the rocky shore of the Loch, almost opposite to the Inn. *H. W. sp.* Kirkton. *G. Gordon, mss.* Rocks near Inchnadamf. *G. Johnston, mss.* Assynt; heaths on the east coast of Sutherland, near Wilkhouse Inn. *Fl. Scot.* On the shore at the mouth of the Naver. *Excurs.*
——— *rupestris*. Ben Hope. *Excurs.*
CAKILE *maritima*. Shore near Farr Kirk. *H. W.*
SUBULARIA *aquatica*. Fonniven. *Graham, sp.*
ARABIS *petræa*. Ben Hope. *Graham, sp.* Fonniven. *Anderson's Guide.*
DROSERA *anglica*. Oikel. *Graham, sp.* Near Invershin. *W. H. Campbell, sp.* Moors near Tongue, Farr Kirk, Armidale, and Strathy. *H. W. sp.* Very common. *G. Johnston, mss.*
SILENE *acaulis*. I think this was observed, in small quantity, on Ben Heeall and Ben Hope. *H. W.*
——— *maritima*. Coast at Farr Kirk, Tongue, and Hailam Inn. *H. W.*
SAGINA *maritima*. Ruined castle, on the cliff behind the manse of Farr. *North. Fl.*
SPERGULA *subulata*. Inchnadamf. *G. Johnston, mss.* Ben More. *W. Stables, sp.* (The specimen from Mr. Stables comes very near to Sp. saginoides.)
——— *saginoides*. Ben Hope. *Graham, sp.*
ARENARIA *peploides*. Coast at Farr and Tongue. *H. W.*

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ARENARIA *rubella*. In tolerable plenty on the point of one cliff on Ben Hope, probably local. *Excurs.*

CERASTIUM *latifolium*. Ben Hope. *Graham, sp.* Ben More. *W. H. Campbell, sp.* Fonniven. *G. Macnab, sp.*

——— *alpinum*. Ben Hope. *Graham, sp.*

CHERLERIA *sedoides*. Near Keoldale. *Graham, sp.* Ben More. *W. H. Campbell, sp.* In some plenty on the higher parts of Ben Hope. *H. W. sp.* Summits of the hills at Inchnadamf. *G. Johnston, mss.*

OXYTROPIS *uralensis*. On the bank by the road, just below Betty Hill Inn, Farr. *H. W. sp.* Armidale and Inver Naver. *Fl. Scot.*

PRUNUS *Padus*. Road-side near Tongue, and by the side of Loch Naver. *Excurs.*

RUBUS *saxatilis*. Cliffs behind Hailam Inn, on Loch Erriboll, and on the opposite side of the water, nearly in front of the inn. *H. W.*

——— *Chamæmorus*. Ben Heeal; Ben Layhal; Ben Hope. *H. W.*

ROSA *spinosissima*. Hailam Inn; Farr; Golspie. *H. W.*

——— *tomentosa* ("mollis E. B. 2459."). Near Durness. *Fl. Scot.*

DRYAS *octopetala*. Assynt. *Graham, sp.* Abundant on limestone cliffs about Hailam Inn, Loch Erriboll, and sparingly on the bank by Betty Hill Inn, at Farr. *H. W. sp.* Most abundant about Inchnadamff. *G. Johnston, mss.* On a vast limestone tract called Creg-achnocaen, on the confines of Rosshire and Sutherland; Braes of Inver Naver, and common along the coast. *Fl. Scot.*

SIBBALDIA *procumbens*. Ben More. *W. H. Campbell, sp.* Ben Layhal. *H. W.*

ALCHEMILLA *alpina*. Ben Heeal; Ben Layal; Ben Hope. *H. W.*

PYRUS *Aria*. Inchnadamf. *W. H. Campbell, sp.* Rocks in Assynt. *W. Stables, sp.*

EPILOBIUM *alsinifolium*. West side of Ben Layhal, near Tongue. *H. W. sp.* Ben More. *G. Johnston, mss.*

——— *alpinum*. Ben Hope. *Graham, sp.* West side of Ben Layhal. *H. W. sp.* Ben More. *G. Johnston, mss.*

CIRCÆA *alpina*. Behind Inchnadamff. *Graham, sp.* Base of Ben More. *G. Johnston, mss.* Banks of Loch Erriboll. *North. Fl.*

RHODIOLA *rosea*. On the hills about Inchnadamff. *G. Johnston, mss.* Ben Layhal. *H. W.*

SAXIFRAGA *stellaris*. Ben Hope. *Graham, sp.* Ben Heeal; Ben Layhal. *H. W.*

——— *aizoides*. Road-side near Farr Kirk, and at Tongue. *H. W.*

——— *oppositifolia*. Moors about Betty Hill Inn, at Farr: cliffs of Loch Erriboll, opposite Hailam Inn; Ben Layhal. *H. W. sp.*

——— *hypnoides*. Ben Layhal. *H. W.*

CORNUS *suecica*. Ben Heeal; Ben Layhal; Ben Hope. *H. W.* Interior of Sutherland. *North. Fl.*

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HIERACIUM *alpinum*. Ben Hope. *H. W.*
——— *denticulatum*. Knoll behind the Manse at Farr. *Excurs.*
——— *umbellatum*. Cashel Dhu; knoll behind the Manse at Farr. *Graham, sp.*
APARGIA *Taraxaci*? Ben Hope. *Graham, sp.*
SAUSSUREA *alpina*. Ben Hope. *Graham, sp.* Hills near Inchnadamff. *G. Johnston, mss.*
CNICUS *heterophyllus*. Sutherland. *G. Johnston, mss.*
GNAPHALIUM *dioicum*. Ben Hope; Ben Layhal; Ben Heeal; moors above Goslpie. *H. W. sp.*
——— *supinum*. Ben Hope. *Graham, sp.* Ben More. *W. H. Campbell, sp.* Ben Layhal, &c. *H. W. sp.*
SENECIO *Jacobæa* (rayless variety). About the kirk at Farr. *H. W. sp.*
LOBELIA *Dortmanna*. Head of Loch Hope. *Graham, sp.* Kylestrome. *W. H. Campbell, sp.* Between Farr and Tongue, in pools by the road-side; near Loch Erriboll. *H. W.*
VACCINIUM *uliginosum*. Ben Hope. *H. W.*
——— *Vitis-Idæa*. Ben Layhal; Ben Hope; moors above Golspie. *H. W.*
ARBUTUS *alpina*. Fonniven. *Graham, sp.* Ben Hope. *G. Macnab, sp.* Ben Layhal; Ben Heeal; moors about Loch Hope and Loch Erriboll. *H. W. sp.* Most abundant on the moors about Cape Wrath. *Fl. Scot.*
——— *Uva-ursi*. Plentiful on the moors, both on the east and north coast. *H. W.*
AZALEA *procumbens*. Fonniven. *Graham, sp.* Ben Hope; Ben Heeal. *H. W.*
PYROLA *uniflora*. Dunrobin. *G. Gordon, mss.*
LITHOSPERMUM *maritimum*. Abundant on the shores. *Fl. Scot.*
VERONICA *saxatilis*. Ben More in Assynt. *Anderson's Guide.*
PINGUICULA *lusitanica*. Invershin. *Graham, sp.* Oikel. *W. H. Campbell, sp.* Common in Sutherland. *G. Johnston, mss.* By the road near the Ferry-house, at the north end of Loch Hope; north-east base of Ben Hope; moors near Tongue, towards Ben Heeal. *H. W. sp.* Between Sandwood and Cape Rath. *North. Fl.*
UTRICULARIA *intermedia*. Common in the lakes and bogs. *Excurs.* Bog on Ben More, Assynt; small loch two miles east of Farr Church. *North. Fl.*
——— *minor*. Occasionally in the bogs; flowering in a small pool near the base of Speecanconick, Assynt. *Excurs.*
PRIMULA *scotica*. Keoldale. *Graham, sp.* Durness. *G. Macnab, sp.* Not very far from the Manse at Durness. *North. Fl.* On the moor behind Betty Hill Inn, some specimens within a few yards of the house. *H. W. sp.* Pastures by Bighouse and Armidale. *Fl. Scot.*
STATICE *Armeria*. On the hills at Inchnadamff. *G. Johnston, mss.* Shore at Farr, Tongue, and Hailam Inn; and on Ben Hope. *H. W.*
GLAUX *maritima*. Farr. *H. W.*

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PLANTAGO *maritima*. Golspie; Armidale; Hailam Inn, Loch Erriboll. *H. W.*

ATRIPLEX *laciniata*. Shore near Farr Kirk. *H. W. sp.*

POLYGONUM *viviparum*. Near Inchnadamff. *G. Johnston, mss.* About Hailam Inn, and on Ben Layhal. *H. W.*

EMPETRUM *nigrum*. Abundant in many places on the hills and moors, as about Golspie, Strathy, Armidale, Tongue, and Loch Erriboll. *H. W.*

* ULMUS *glabra*. Sutherland. (Lightfoot). *Fl. Scot.*

QUERCUS *sessiliflora*. All the oaks I observed belonged to this species. *G. Johnston, mss.*

SALIX *herbacea*. Ben Hope; Ben Layhal. *H. W.*

——— *reticulata*. Sparingly on Ben Hope. *Excurs.*

TRIGLOCHIN *maritimum*. Coast at Farr and Tongue. *H. W.*

LISTERA *cordata*. Tongue. *H. W.*

MALAXIS *paludosa*. Behind Oikel Inn. *Graham, sp.* Road-side above Invershin; on the hill behind Oikel; at Ben Loyal. *Excurs.* (Is the name *Loyal* or *Layhal?*)

SCILLA *verna*. Braes of Armidale, and Durness coast. *Fl. Scot.*

SPARGANIUM *natans*. Moors near Armidale, and Loch Erriboll. *H. W. sp.*

ZOSTERA *marina*. Abundant at Invergordon. *G. Johnston, mss.*

LUZULA *spicata*. Ben Hope. *Graham, sp.*

JUNCUS *triglumis*. Ben More, Assynt. *Graham, sp.* Cannishp. *W. H. Campbell, sp.*

——— *trifidus*. Ben Hope. *H. W.*

——— *balticus*. Near the shore, behind Keoldale, in the parish of Durness. *Graham, sp.* Farr and Cape Wrath. *Br. Fl.*

LUZULA *arcuata*. Ben More. *Graham, sp.* Fonniven. *G. Macnab, sp.* Summit of Fonniven; on the ridge leading to the top of Ben More, Assynt, from Inchnadamff. *Excurs.*

CLADIUM *Mariscus*. Near Batcall Bay. *W. H. Campbell, sp.* In a marsh about half-way between Kylestrome and Batcall Church. *Excurs.*

SCHŒNUS *nigricans*. Moor near Farr. *H. W.* Banks of Loch Shin, and not uncommon on the west side of the county. *North. Fl.*

RHYNCOSPORA *alba*. Near Loch Hope. *Graham, sp.* Oikel. *W. H. Campbell, sp.* Near Tongue. *H. W.* Frequent. *G. Johnston, mss.*

BLYSMUS *rufus*. Shore southward of Tongue. *H. W.*

ERIOPHORUM *vaginatum*. Ben Heeal; Ben Hope; Moors about Tongue, &c. *H. W.*

——— *pubescens*. Ben More. *Graham, sp.* Not uncommon. *G. Johnston, mss.*

ELEOCHARIS *multicaulis*. Sutherland. *H. W. sp.* (I believe my specimen was gathered very near the bridge below the Inn at Tongue.) Between Loch Inchard and Arcle. *North. Fl.*

——— *pauciflora*. Sutherland. *North. Fl.*

CAREX *incurva*. Sands between Brora and Helmsdale rivers. *Fl.*

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Scot. In deep loose sea-sand at the mouth of the Naver. *Eng. Fl.*

CAREX *arenaria.* Keoldale. *Graham, sp.*

——— *panicea* (phæostachyta). Keoldale. *Graham, sp.* Speecanconick, " no doubt of its specific identity with C. panicea." *Excurs.*

——— *limosa* (rariflora). Marsh near Loch Hope. *Graham, sp.* Marsh between Oikel and Assynt. *G. Macnab, sp.* By Loch Craggan. *W. Stables, sp.* Near Oikel, by the road opposite the west side of Ben Hope; base of Ben Loyal; Batcal Moss, between Riconick and Old Shore. *Excurs.*

——— *pulla.* At a considerable elevation on the east side of Ben More, Assynt. *Excurs.*

——— *rigida.* Ben More. *W. Stables, sp.* Ben Hope; Ben Layhal; Ben Heeal. *H. W.*

——— *fulva?* Old Shores. *W. H. Campbell, sp.*

——— *capillaris.* With Primula scotica, near the level of the sea, at Durness. *Graham, sp.* Low cliffs by Loch Erriboll. *H. W.* In abundance at the mouth of the river Naver, and forming a large portion of the turf on the knolls at Durness. *Excurs.*

——— *filiformis.* Fonniven. *Graham, sp.* Assynt. *W. Stables, sp.* Marsh near Laxford. *G. Macnab, sp.* Oikel; Riconick; Loch Naver; on the moor south of Aultnaharrow. *Excurs.*

AIRA *alpina.* Ben More. *W. Stables, sp.* Ben Hope. *H. W.*

POA *alpina.* Ben More. *W. H. Campbell, sp.*

AMMOPHILA *arundinacea.* Abundant in the north of Sutherland. *North. Fl.*

AVENA *strigosa.* Between Bonar Bridge and Loch Shinn. *North. Fl.*

ELYMUS *arenarius.* Balnakiel. *Graham, sp.* Sandwood. *W. H. Campbell, sp.* Durness. *G. Macnab, sp.* Loch Erriboll; Kyles of Tongue, near the Ferry. *H. W. sp.*

TRITICUM *junceum.* Sandwood. *W. H. Campbell, sp.* Shore near Farr Kirk. *H. W. sp.*

LXXXI. CAITHNESS.

THALICTRUM *minus.* On the north coast, between Sandside and Reay. *H. W.*

DRYAS *octopetala.* Caithness. *Anderson's Guide.*

ROSA *spinosissima.* Sandy coast, near Reay. *H. W.*

LIGUSTICUM *scoticum.* Berrydale. *G. Gordon, mss.*

ARBUTUS *Uva-ursi.* Moors along the road-side westward from Thurso. *H. W.*

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LITHOSPERMUM *maritimum*. Abundant on the shores. *Fl. Scot.*
AJUGA *pyramidalis*. On the Ord of Caithness. *Br. Fl.* (In botanical works, the "Ord" is spoken of as if it were a hill, while, in other books, the name is applied to a point of lowland projecting into the sea.)
PRIMULA *scotica*. East coast of Caithness. *Fl. Scot.* On the north coast, and by the road-side about three miles westward from Thurso. *H. W. sp.*
PLANTAGO *maritima*. On the north coast. *H. W.*
SALIX *ambigua*. Caithness. *Eng. Bot. Supp.*
SCILLA *verna*. Duncansby Head. *Fl. Scot.*
POTAMOGETON *rufescens*. Two specimens brought from Caithnessshire, by Mr. Tyacke. *G. Johnston, mss.*
CAREX *incurva*. Keiss Bay. *Fl. Scot.*
ELYMUS *arenarius*. Coast near Reay and Sandside. *H. W. sp.*

LXXXII. ORKNEY ISLES.

DR. GILLIES favoured me with a MS. Flora or Catalogue of Orkney plants, drawn up from his own observations, those of Mr. Alexander Duguid, the list of plants given in Barry's History of Orkney, and Mr. Neill's List of additional plants observed during his tour. For the latter, however, I refer to the *Tour*, instead of taking them from Dr. Gillies's Flora. In addition, the Rev. G. Gordon was kind enough to obtain a checked catalogue of Orkney plants, by the Rev. Charles Clouston, of Sandwick, Stromness; but that of Dr. Gillies is referred to in preference, as usually mentioning the stations of the rarer plants. The coincidence of some names, belonging to species very unlikely to be found here, with those in Barry's list, induces me to presume the catalogue of Mr. Clouston to have been also partly made out from Barry's list; and, consequently, that we have not any additional authority in support of their existence within Orkney. It appears better at once to reject the following: — Arabis alpina, Draba hirta, Silene nutans, Orobus niger, Pyrus domestica, Saxifraga cæspitosa, Peucedanum Ostruthium, Melampyrum sylvaticum, Veronica spicata, Juncus filiformis, Agrostis spica-venti, Panicum crus-galli.

AUTHORITIES.

Tour. — Neill's Tour in Orkney and Shetland.
Gillies, cat. — MS. Flora of Orkney. Dr. Gillies.
Clouston, cat. — Checked Catalogue of Orkney plants. Rev. C. Clouston.

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THALICTRUM *alpinum*. Hoy. *Gillies, cat.*
COCHLEARIA *officinalis*. Houses, walls, sea-shore, and uncultivated fields. *Gillies, cat.*
——— *danica*. Sea-shore. *Gillies, cat.*
——— *græenlandica*. Orkney. *Clouston, cat.*
CAKILE *maritima*. Sanda. *Gillies, cat.* Not common. *Tour.*
CAMELINA *sativa*. Among flax in Westra. *Tour.*
DRABA *incana*. Hammer Hills, Rowsa. *Gillies, cat.*
DROSERA *anglica*. Hoy. *Gillies, cat.*
——— *longifolia*. Hoy; Scalpa; Rowsa; Shapinsha. *Gillies, cat.* Rare in Orkney. *Clouston, cat.*
SILENE *acaulis*. (Two localities are mentioned by Dr. Gillies, but I am unable to decipher the name of either. *H. W.*
——— *maritima*. Common. *Tour.*
ARENARIA *marina*. Orkney. *Tour.*
——— *peploides*. Shore. *Gillies, cat.*
CERASTIUM *tetrandrum*. Shore at Kirkwall. *Tour.*
——— *latifolium*. Hoy Hills. *Tour.*
——— *arvense*. Orkney. (Barry.) *Gillies, cat.*
RADIOLA *millegrana*. In Eda, abundantly. *Tour.* Shapinsha. *Gillies, cat.*
HYPERICUM *elodes*. Rackwick, Hoy, rarely. *Tour.*
GERANIUM *sylvaticum*. Orkney. (Barry.) *Gillies, cat.*
? LATHYRUS *pisiformis*. On the shore. (Barry.) *Gillies, cat.*
ROSA *Sabini* (Doniana). Abundant in Orkney. Dr. Gillies. *Fl. Scot.*
—— *tomentosa*. Orkney. *Gillies, cat.*
—— *villosa*. Trumbland Burn, Rowsa. *Tour.*
—— *spinosissima*. Orkney. *Gillies, cat.*
DRYAS *octopetala*. Hoy Hill, scarce. *Clouston, cat.*
POTENTILLA *argentea*. Orkney. (Barry.) *Gillies, cat.* Rare. *Clouston, cat.*
COMARUM *palustre*. Orkney. *Gillies, cat.*
RUBUS *saxatilis*. Rare. *Clouston, cat.*
CIRCÆA *alpina*. Orkney. *Gillies, cat.* (Two localities are mentioned, but both names are illegible, the ink being pale.)
MYRIOPHYLLUM *verticillatum*. Lock of Airie, Stronsa. *Tour.*
RHODIOLA *rosea*. Hoy Hill. *Clouston, cat.*
SAXIFRAGA *oppositifolia*. Hoy Hill. *Clouston, cat.*
——— *aizoides*. Dwarfy stone, Hoy Hill. *Tour.*
——— *hypnoides*. Hoy Hills, plentifully. *Tour.*
LIGUSTICUM *scoticum*. Scalpa. *Gillies, cat.*
GALIUM *boreale*. Orkney. *Gillies, cat.*
LACTUCA *virosa*. Rare. *Clouston, cat.*
GNAPHALIUM *dioicum*. Upland pastures. *Gillies, cat.*
PYRETHRUM *maritimum*. Not uncommon. *Tour.*
ARBUTUS *Uva-ursi*. Hoy Hill. *Clouston, cat.*
——— *alpina*. Wart Hill of Hoy. *Tour.*
AZALEA *procumbens*. Hoy Hill. *Clouston, cat.*
? PYROLA *rotundifolia*. Among the shrubs at Berrydale, in Hoy. *Gillies, cat.* Is it not more likely to be *media* or *minor*?
LITHOSPERMUM *maritimum*. On the shore below the Manse of Wales.

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Gillies, cat. Rare. *Clouston, cat.* "Abundant on the shores of Sutherland, Caithness, and Orkney." *Fl. Scot.*

STACHYS *ambigua.* Edie Manse. *Gillies, cat.* Hoy, Stronsa, and other Orkney Islands. *Fl. Scot.*

GALEOPSIS *Ladanum.* Orkney. *Gillies, cat.*

AJUGA *pyramidalis.* Orkney. *Excurs.*

PINGUICULA *lusitanica?* Hills of Waes and Hoy. (Barry.) *Tour.* (Barry mentions Pinguicula alpina, and omits the P. lusitanica; but the latter appears more likely to be the species.)

PRIMULA *scotica.* Orkney. *Hooker, sp.* Between the House of Clet and the New Church, in Westra. *Tour.* Sanda. *Gillies, cat.* (The localities are given for P. farinosa, but doubtless P. scotica is intended.)

——— *elatior.* Rare in Orkney. *Clouston, cat.*

STATICE *Armeria.* Shore. *Gillies, cat.*

PLANTAGO *maritima* (minor). By the house of Skail, Pomona. *Br. Fl.* — *P. maritima.* Orkney. *Clouston, cat.*

LITTORELLA *lacustris.* Orkney. (Plantago uniflora, of Barry.) *Tour.*

GLAUX *maritima.* Meeting of the salt and fresh water at the Bridge of Weath; Woodwick, &c. *Gillies, cat.*

ATRIPLEX *laciniata.* Rare. *Tour.*

BETA *maritima.* On some of the shores. *Tour.*

? RUMEX *maritimus.* Orkney. *Gillies, cat.*

OXYRIA *reniformis.* Hoy. *Gillies, cat.*

EMPETRUM *nigrum.* Common. *Tour.*

SALIX *prunifolia.* Hoy. *Tour.*

——— *arbuscula.* Rowsa and Hoy. *Tour.* (I am unable to say what species of the British Flora authors usually intend by this name. It appears to have been applied both vaguely and variously. S. angustifolia and S. latifolia, of Barry, are equally puzzling. *H. W.*)

——— *arenaria.* Wart Hill, Shapinsha. *Tour.*

——— *aquatica.* Orkney. *Tour.*

——— *fusca* (argentea). Downs of Sanda. *Tour.*

——— *herbacea.* Hammer Hills, Rowsa. *Gillies, cat.*

——— *ambigua.* Orkney. *Eng. Bot. Supp.*

TRIGLOCHIN *maritimum.* Deerness. *Tour.* Rowsa. *Gillies, cat.*

HABENARIA *albida.* Meadows in the Hills of Hoy. *Gillies, cat.*

LISTERA *cordata.* In a valley in Hoy. *Gillies, cat.*

SCILLA *verna.* In many places; three plants of it on the top of the Wart Hills of Hoy, not far from the rock called the Old Man of Hoy, at an elevation of 800 or 1000 feet above the sea. *Gillies, cat.*

SPARGANIUM *natans.* Pond between Berrydale and Rackwick. *Gillies, cat.* (Other localities for it are mentioned by Dr. Gillies, but I am unable to read the manuscript names of the places.)

POTAMOGETON *gramineus.* Orkney. *Gillies, cat.*

ERIOPHORUM *vaginatum.* Orkney. *Gillies, cat.*

ELEOCHARIS *pauciflora.* Hoy Hills, plentifully. *Tour.*

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? ELIOCHARIS *acicularis*. Orkney. (Barry.) *Gillies, cat.*
CAREX *arenaria*. Orkney. *Tour.*
——— *binervis*. Among heath in Hoy. *Gillies, cat.*
——— *fulva*. Orkney. *Tour.*
——— *extensa*. Orkney. *Tour.*
——— *stricta*. Kirkwell. *Gillies, cat.*
POA *maritima*. Common. *Tour.*
FESTUCA *rubra*. Orkney. *Gillies, cat.*
? BROMUS *racemosus*. Near Kirkwall. *Gillies, cat.*
† AVENA *fatua*. In fields, along with A. strigosa, which is cultivated. *Tour.*
——— *pubescens*. Guills of Scalpa. *Tour.*
AMMOPHILA *arundinacea*. Common in Orkney. *Tour.* (It is suggested, by Neill, that this is the plant called Elymus arenarius in Barry's History.)
ELYMUS *arenarius*. Shore at Scalpa. *Gillies, cat.*
TRITICUM *loliaceum*. Orkney. (Barry.) *Gillies, cat.*

LXXXIII. SHETLAND ISLES.*

COCHLEARIA *danica*. Western shore of Brassay Island. *Neill's Tour.*
DIANTHUS *deltoides*. Island of Vailey, observed by Mr. G. White. *Neill's Tour.*
AZALEA *procumbens*. Shetland. (Mr. Hewitson.) *R. B. Bowman, sp.*
TRIENTALIS *europæa*. Shetland. (Mr. Hewitson.) *R. B. Bowman, sp.*
BETA *maritima*. In great plenty on the western shore of Brassay Island. *Neill's Tour.*
SCILLA *verna*. Near Lerwick, and in Brassay Island; in profusion on the Knab, a projecting eminence at the entrance of Brassay Sound. *Neill's Tour.*
BLYSMUS *rufus*. Brassay. *Fl. Scot.*
CAREX *incurva*. Discovered by the late Dr. Hope, at the mouth of the water of Naver, and near Skelherry, in Durrsness, Shetland. *Fl. Scot.*

* I should feel much indebted to any botanist who would favour me with an accurate list of the plants of Shetland. H. W.

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LIST OF SCOTTISH SPECIES,

AND

REFERENCE TO THE COUNTIES

UNDER WHICH THEY ARE MENTIONED.

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* CLEMATIS *Vitalba*. Edinburgh.
THALICTRUM *alpinum*. Stirling, Argyle, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland, Orkney.
——— *minus*. Kirkcudbright, Berwick, Edinburgh, Fife, Argyle, Perth, Forfar, Aberdeen, Ross, Sutherland, Caithness.
——— *majus*. Kirkcudbright, Ayr, Roxburgh, Berwick, Fife, Aberdeen.
* ANEMONE *apennina*. Banff.
* ADONIS *autumnalis*. Lanark, Edinburgh.
RANUNCULUS *alpestris*. Forfar.
——— *Flammula* (reptans). Dumfries, Fife.
TROLLIUS *europæus*. Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Dumbarton, Perth, Forfar, Aberdeen, Banff, Elgin, Inverness, Ross, Sutherland.
† HELLEBORUS *viridis*. Ayr, Berwick, Haddington, Edinburgh.
* DELPHINIUM *Consolida*. Edinburgh.
* ACONITUM *Napellus*. Lanark.
ACTÆA *spicata*. Fife.*
* EPIMEDIUM *alpinum*. Edinburgh? Fife, Stirling, Dumbarton.
NUPHAR *pumila*. Lanark, Stirling, Argyle, Elgin, Inverness.
* PAPAVER *somniferum*. Forfar.
† MECONOPSIS *cambrica*. Edinburgh, Fife.
CHELIDONIUM *majus* (laciniatum). Dumbarton.
GLAUCIUM *luteum*. Wigton, Roxburgh? Berwick, Haddington, Edinburgh, Fife, Dumbarton, Argyle.

* The reference is to Fifeshire, although the station of this plant is within Kinross-shire, which is joined to Fifeshire, in the county lists. The same occurs with a few other species.

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CORYDALIS *claviculata*. Dumfries, Renfrew, Berwick, Edinburgh, Dumbarton, Perth, Aberdeen, Elgin, Nairn, Ross.
FUMARIA *parviflora*. Edinburgh.
NASTURTIUM *sylvestre*. Dumfries, Berwick, Edinburgh, Aberdeen.
BARBAREA *præcox*. Berwick, Edinburgh.
TURRITIS *glabra*. Dumbarton.
ARABIS *petræa*. Argyle, Perth, Aberdeen, Inverness, Ross, Sutherland.
† —— *Turrita*. Fife.
—— *ciliata*. Forfar.
CARDAMINE *amara*. Lanark, Berwick, Edinburgh, Stirling, Aberdeen, Elgin.
—— *impatiens*. Ayr, Lanark.
DENTARIA *bulbifera*. Ayr, Edinburgh? Perth.
† ALYSSUM *calycinum*. Haddington, Forfar.
* KONIGA *maritima*. Aberdeen.
? DRABA *muralis*. Edinburgh? Forfar?
—— *incana*. Argyle, Perth, Forfar, Inverness, Ross, Sutherland, Orkney.
—— *rupestris*. Perth, Aberdeen, Sutherland.
—— *verna* (var.). Perth.
COCHLEARIA *officinalis*. Man, Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Fife, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Elgin, Inverness, Sutherland, Orkney.
—— *grœnlandica*. Man, Forfar, Aberdeen, Elgin, Orkney.
—— *danica*. Berwick, Edinburgh, Argyle, Aberdeen, Elgin, Orkney, Shetland.
—— *anglica*. Argyle, Forfar, Elgin.
THLASPI *alpestre*. Forfar.
TEESDALIA *nudicaulis*. Ayr, Lanark, Roxburgh, Berwick, Perth, Forfar, Aberdeen, Elgin.
* IBERIS *amara*. Lanark, Roxburgh, Fife.
CAKILE *maritima*. Man, Ayr, Berwick, Edinburgh, Aberdeen, Elgin, Sutherland, Orkney.
† HESPERIS *matronalis*. Lanark, Berwick, Edinburgh, Forfar.
SISYMBRIUM *Irio*. Berwick.
† ERYSIMUM *cheiranthoides*. Man, Linlithgow, Argyle, Elgin.
† CAMELINA *sativa*. Ayr, Lanark, Edinburgh, Fife, Argyle, Forfar, Ross, Orkney.
LEPIDIUM *Smithii*. Man, Wigton, Lanark, Berwick, Edinburgh, Dumbarton, Perth, Forfar, Aberdeen.
—— *latifolium*. Lanark? Fife.
ISATIS *tinctoria*. Argyle.
† BRASSICA *oleracea*. Edinburgh, Fife, Stirling.
—— *campestris*. Edinburgh, Fife, Argyle, Forfar.
—— *monensis*. Man, Wigton, Dumfries, Ayr, Argyle, Forfar.
† SINAPIS *tenuifolia*. Berwick, Fife.
* —— *muralis*. Fife.
CRAMBE *maritima*. Man, Wigton, Kirkcudbright, Berwick, Linlithgow, Argyle.
* —— *orientalis*. Elgin.

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RAPHANUS *maritimus*. Wigton, Ayr, Argyle.
SUBULARIA *aquatica*. Fife? Stirling, Argyle, Perth, Aberdeen, Sutherland.
* KONIGA *maritima*. Aberdeen.
RESEDA *lutea*. Edinburgh, Fife, Perth, Forfar, Elgin.
† —— *fruticulosa*. Man.
VIOLA *lutea*. Man, Lanark, Roxburgh, Berwick, Edinburgh, Fife, Stirling, Argyle, Perth, Forfar, Aberdeen, Inverness.
—— *lactea*? Peebles.
—— *flavicornis*. Edinburgh.
DROSERA *longifolia*. Renfrew, Dumbarton, Orkney.
—— *anglica*. Kirkcudbright, Dumfries, Berwick, Dumbarton, Argyle, Aberdeen, Elgin, Ross, Sutherland, Orkney.
DIANTHUS *Armeria*. Perth, Forfar.
—— *deltoides*. Roxburgh, Berwick, Edinburgh, Fife, Forfar, Inverness, Ross, Shetland.
* —— *barbatus*. Edinburgh.
SILENE *acaulis*. Stirling, Argyle, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland, Orkney.
—— *maritima*. Renfrew, Lanark, Berwick, Edinburgh, Linlithgow, Fife, Dumbarton, Argyle, Aberdeen, Elgin, Inverness, Ross, Sutherland, Orkney.
—— *anglica*. Haddington, Fife, Perth, Forfar, Elgin, Inverness.
—— *conica*. Haddington, Forfar.
—— *nutans*. Fife, Forfar, Aberdeen.
—— *noctiflora*. Haddington, Fife, Forfar.
LYCHNIS *Viscaria*. Edinburgh, Fife, Perth, Forfar.
—— *alpina*. Forfar.
SAGINA *maritima*. Man, Ayr, Berwick, Edinburgh, Linlithgow, Fife, Forfar, Aberdeen, Banff, Elgin, Inverness, Ross, Sutherland.
ELATINE *hexandra*. Perth.
SPERGULA *subulata*. Man, Berwick, Edinburgh, Fife, Perth, Forfar Aberdeen, Elgin, Sutherland.
—— *saginoides*. Perth, Forfar, Sutherland.
STELLARIA *nemorum*. Renfrew, Lanark, Edinburgh, Dumbarton, Forfar, Elgin, Nairn.
—— *scapigera*. Perth, Inverness.
—— *cerastoides*. Perth, Aberdeen, Inverness.
ARENARIA *peploides*. Man, Berwick, Edinburgh, Dumbarton, Forfar, Elgin, Ross, Sutherland, Orkney.
—— *marina*. Man, Renfrew, Berwick, Haddington, Fife, Dumbarton, Forfar, Elgin, Orkney.
—— *verna*. Lanark, Berwick, Edinburgh, Perth.
—— *rubella*. Perth, Sutherland.
? —— *tenuifolia*. Edinburgh? Fife?
—— *fastigiata*. Fife, Forfar.
CERASTIUM *arvense*. Man, Roxburgh, Berwick, Haddington, Forfar, Aberdeen, Elgin, Nairn, Orkney?
—— *tetrandrum*. Man, Berwick, Haddington, Edinburgh, Fife, Forfar, Aberdeen, Elgin, Orkney.

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CERASTIUM *alpinum*. Stirling, Perth, Forfar, Inverness, Sutherland.
——— *latifolium*. Stirling, Dumbarton, Perth, Forfar, Aberdeen, Inverness, Sutherland, Orkney.
CHERLERIA *sedoides*. Stirling, Argyle, Perth, Forfar, Inverness, Ross, Sutherland.
LINUM *angustifolium*. Man.
RADIOLA *millegrana*. Man, Ayr, Renfrew, Lanark, Berwick, Fife, Dumbarton, Argyle, Perth, Forfar, Kincardine, Aberdeen, Elgin, Ross, Orkney.
LAVATERA *arborea*. Man, Haddington, Fife.
† ALTHÆA *officinalis*. Kirkcudbright, Stirling.
* TILIA *grandifolia*. Berwick, Perth.
† HYPERICUM *barbatum*. Perth.
——— *dubium*. Lanark, Perth.
——— *elodes*. Man, Wigton, Kirdcudbright, Dumbarton, Argyle, Orkney.
——— *Androsæmum*. Man, Wigton, Renfrew, Berwick, Dumbarton, Argyle, Inverness, Ross.
GERANIUM *sanguineum*. Berwick, Haddington, Edinburgh, Argyle, Perth, Forfar, Aberdeen, Inverness, Ross.
†——— *pyrenaicum*. Edinburgh, Argyle, Perth.
——— *sylvaticum*. Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Argyle, Perth, Forfar, Aberdeen, Inverness, Ross, Orkney.
†——— *phæum*. Lanark, Berwick, Edinburgh, Linlithgow, Fife, Forfar, Aberdeen.
ERODIUM *moschatum*. Haddington.
——— *maritimum*. Man, Wigton.
† IMPATIENS *Noli-me-tangere*. Lanark.
† OXALIS *corniculata*. Lanark, Stirling.
* STAPHYLEA *pinnata*. Lanark, Edinburgh.
RHAMNUS *catharticus*. Dumfries.
——— *Frangula*. Ayr.
ULEX *nanus*. Wigton, Kirkcudbright, Edinburgh? Forfar.
ONONIS *spinosa*. Man, Ayr, Edinburgh, Dumbarton.
† ——— *reclinata*. Wigton.
* MEDICAGO *sativa*. Lanark, Berwick, Edinburgh, Linlithgow, Forfar.
† ——— *maculata*. Fife.
† ——— *denticulata*. Aberdeen.
† MELILOTUS *leucantha*. Man, Berwick, Haddington, Edinburgh.
LOTUS *tenuis*. Berwick, Edinburgh, Forfar.
TRIFOLIUM *ornithopodioides*. Ayr, Edinburgh, Fife, Forfar.
——— *scabrum*. Berwick, Haddington, Edinburgh, Fife, Forfar.
ASTRAGALUS *alpinus*. Forfar.
——— *hypoglottis*. Berwick, Haddington, Edinburgh, Fife, Perth, Forfar, Aberdeen, Elgin, Ross.
——— *glycyphyllos*. Lanark, Berwick, Edinburgh, Linlithgow, Fife, Forfar, Aberdeen, Elgin, Ross.
OXYTROPIS *campestris*. Forfar.

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OXYTROPIS *uralensis*. Wigton, Fife, Argyle, Forfar, Ross, Sutherland.
HIPPOCREPIS *comosa*. Ayr.
VICIA *angustifolia*. Man, Ayr, Edinburgh, Linlithgow, Aberdeen.
——— *lathyroides*. Man, Ayr, Berwick, Edinburgh, Dumbarton, Perth, Aberdeen, Elgin, Ross.
——— *lutea*. Ayr, Fife, Forfar, Kincardine.
* LATHYRUS *Aphaca*. Edinburgh.
——— *sylvestris*. Berwick, Edinburgh, Argyle, Forfar.
* ——— *latifolius*. Kirkcudbright.
? ——— *pisiformis*. Orkney?
OROBUS *sylvaticus*. Dumfries, Lanark, Peebles, Berwick, Edinburgh, Fife, Forfar, Inverness.
——— *niger*. Forfar, Inverness?
* PRUNUS *domestica* Man, Lanark, Edinburgh, Forfar.
——— *Padus*. Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Stirling, Forfar, Aberdeen, Elgin, Inverness, Ross, Sutherland.
* SPIRÆA *salicifolia*. Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Linlithgow, Fife, Forfar, Elgin, Ross.
DRYAS *octopetala*. Ayr, Dumbarton, Argyle, Perth, Forfar, Inverness, Ross, Sutherland, Caithness, Orkney.
RUBUS *suberectus*. Dumfries, Renfrew, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Inverness, Ross.
——— *carpinifolius*. Man, Fife.
——— *Koehleri*. Man, Berwick.
——— *mocrophyllus*. Dumfries, Berwick.
——— *saxatilis*. Man, Kirkcudbright, Lanark, Berwick, Edinburgh, Dumbarton, Perth, Forfar, Aberdeen, Banff, Elgin, Nairn, Inverness, Ross, Sutherland, Orkney.
——— *Chamæmorus*. Lanark, Roxburgh, Berwick, Edinburgh, Stirling, Dumbarton, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland.
? ——— *arcticus*. Argyle? Perth?
* FRAGARIA *elatior*. Lanark.
* POTENTILLA *fruticosa*. Lanark.
——— *tridentata*. Forfar.
——— *argentea*. Berwick, Edinburgh, Perth, Forfar, Elgin, Orkney.
——— *verna*. Berwick, Edinburgh, Fife, Forfar.
——— *alpestris*. Perth, Forfar, Aberdeen.
——— *opaca*. Perth, Forfar.
COMARUM *palustre*. Man, Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Forfar, Aberdeen, Elgin, Ross, Orkney.
SIBBALDIA *procumbens*. Stirling, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland.
ALCHEMILLA *alpina*. Stirling, Argyle, Perth, Forfar, Aberdeen, Elgin, Inverness, Ross, Sutherland.
SANGUISORBA *officinalis*. Kirkcudbright, Dumfries, Roxburgh, Berwick.
* ROSA *cinnamomea*. Ayr.

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ROSA *spinosissima.* Man, Berwick, Haddington, Edinburgh, Fife, Aberdeen, Elgin, Ross, Sutherland, Caithness, Orkney.
—— *rubella.* Aberdeen.
—— *involuta.* Argyle, Perth.
—— *Sabini* (including R. Doniana). Edinburgh, Argyle, Perth, Forfar, Orkney.
—— *villosa.* Lanark, Orkney.
—— *tomentosa.* Man, Renfrew, Berwick, Edinburgh, Dumbarton, Forfar, Aberdeen, Banff, Sutherland, Orkney.
—— *inodora.* Edinburgh.
—— *canina.* (varieties, sarmentacea, dumetorum, and Forsteri). Berwick.
—— *cæsia.* Berwick, Argyle, Perth, Forfar.
—— *systyla.* Forfar.
PYRUS *communis.* Lanark, Forfar.
—— *Aria.* Lanark, Edinburgh, Sutherland.
—— *pinnatifida.* Dumbarton, Argyle, Forfar.
* ŒNOTHERA *biennis.* Renfrew.
EPILOBIUM *alpinum.* Stirling, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland.
—— *alsinifolium.* Dumfries, Berwick, Perth, Forfar, Banff, Inverness, Sutherland.
—— *roseum.* Forfar.
CIRCÆA *alpina.* Lanark, Edinburgh? Dumbarton, Argyle, Perth, Forfar, Kincardine, Aberdeen, Banff, Elgin, Inverness, Ross, Sutherland, Orkney.
MYRIOPHYLLUM *verticillatum.* Orkuey.
CERATOPHYLLUM *demersum.* Edinburgh, Forfar.
—— *submersum?* Edinburgh.
SCLERANTHUS *perennis.* Forfar.
SEDUM *anglicum.* Man, Renfrew, Berwick, Fife, Stirling, Dumbarton, Argyle, Forfar, Elgin.
—— *dasyphyllum.* Edinburgh.
* —— *album.* Perth, Forfar.
—— *villosum.* Renfrew, Lanark, Berwick, Edinburgh, Linlithgow, Dumbarton, Perth, Forfar, Aberdeen, Banff, Elgin.
—— *rupestre.* Wigton.
RHODIOLA *rosea.* Man, Berwick, Stirling, Argyle, Perth, Forfar, Inverness, Ross, Sutherland, Orkney.
COTYLEDON *Umbilicus.* Man, Ayr, Argyle, Inverness.
† RIBES *nigrum.* Renfrew, Lanark, Berwick, Edinburgh, Argyle.
† —— *rubrum.* Lanark, Berwick, Edinburgh, Fife, Argyle.
—— *petræum.* Perth, Forfar, Aberdeen, Elgin, Inverness.
—— *alpinum.* Renfrew, Lanark, Edinburgh.
CHRYSOSPLENIUM *alternifolium.* Renfrew, Lanark, Berwick, Edinburgh, Perth, Forfar, Elgin.
* SAXIFRAGA *umbrosa.* Renfrew, Lanark, Edinburgh, Perth.
—— *Geum.* Lanark.
—— *stellaris.* Berwick, Stirling, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Banff, Nairn, Inverness, Ross, Sutherland,
—— *nivalis.* Stirling, Perth, Forfar, Aberdeen.

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SAXIFRAGA *oppositifolia*. Lanark, Stirling, Perth, Forfar, Inverness, Ross, Sutherland, Orkney.
——— *Hirculus*. Berwick, Haddington.
——— *aizoides*. Man, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Banff, Elgin, Inverness, Ross, Sutherland, Orkney.
——— *rivularis*. Perth, Aberdeen, Inverness.
——— *cernua*. Perth.
——— *cæspitosa*. Perth, Aberdeen, Inverness.
——— *hypnoides*. Renfrew, Berwick, Edinburgh, Perth, Forfar, Inverness, Sutherland, Orkney.
——— *lætevirens*. Stirling, Perth, Forfar, Aberdeen.
——— *platypetala*. Forfar.
——— *elongella*. Forfar.
——— *pedatifida*. Forfar.
CICUTA *virosa*. Dumfries, Lanark, Roxburgh, Berwick, Edinburgh, Fife, Stirling, Dumbarton, Forfar.
APIUM *graveolens*. Wigton.
? PETROSELINUM *segetum*. Inverness?
* ——— *sativum*. Lanark, Edinburgh, Fife, Inverness.
HELOSCIADIUM *repens*. Wigton? Kirkcudbright, Haddington, Edinburgh, Aberdeen.
SISON *Amomum*. Berwick.
† CARUM *Carui*. Man, Lanark, Edinburgh, Linlithgow, Argyle, Forfar, Aberdeen, Ross.
——— *verticillatum*. Man, Wigton, Kirkcudbright, Dumfries, Renfrew, Dumbarton.
SIUM *latifolium*. Haddington, Edinburgh, Stirling.
? ŒNANTHE *peucedanifolia*. Wigton? Kirkcudbright?
——— *pimpinelloides*. Man, Kirkcudbright, Renfrew, Haddington, Dumbarton, Argyle, Inverness.
——— *apiifolia*. (Omitted, as being identical with Œ. crocata.)
——— *Phellandrium*. Berwick, Edinburgh.
FŒNICULUM *vulgare*. Man, Forfar, Aberdeen.
LIGUSTICUM *scoticum*. Berwick, Edinburgh, Linlithgow, Fife, Aberdeen, Banff, Elgin, Inverness, Caithness, Orkney.
SILAUS *pratensis*. Roxburgh, Berwick, Edinburgh.
MEUM *athamanticum*. Kirkcudbright, Renfrew, Lanark, Linlithgow, Dumbarton, Perth, Forfar, Aberdeen, Inverness.
CRITHMUM *maritimum*. Man, Wigton, Kirkcudbright, Ayr, Haddington? Edinburgh?
PEUCEDANUM *palustre*. Edinburgh, Dumbarton.
† ——— *Ostruthium*. Lanark, Edinburgh, Linlithgow, Fife, Dumbarton, Argyle.
DAUCUS *maritimus*. Argyle.
TORILIS *infesta*. Edinburgh? Argyle.
* ANTHRISCUS *Cerefolium*. Lanark, Edinburgh, Aberdeen, Inverness.
† CHÆROPHYLLUM *aureum*. Edinburgh, Forfar.
——— *aromaticum*. Forfar.
MYRRHIS *odorata*. Man, Renfrew, Lanark, Berwick, Edinburgh, Fife, Dumbarton, Forfar, Aberdeen, Ross.

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SMYRNIUM *Olusatrum.* Ayr, Berwick, Haddington, Edinburgh, Fife.

† CORIANDRUM *sativum.* Lanark, Aberdeen.

ERYNGIUM *maritimum.* Kirkcudbright, Ayr, Haddington, Edinburgh, Argyle, Forfar.

CORNUS *suecica.* Berwick, Edinburgh? Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland.

* LONICERA *Caprifolium.* Renfrew, Edinburgh, Linlithgow.

VIBURNUM *Lantana.* Renfrew, Lanark, Berwick, Haddington, Edinburgh.

LINNÆA *borealis.* Edinburgh, Perth, Forfar, Aberdeen, Elgin, Inverness, Ross.

? RUBIA *peregrina.* Argyle?

GALIUM *erectum.* Edinburgh? Forfar.

——— *cinereum.* Forfar.

——— *aristatum.* Forfar.

——— *pusillum.* Peebles, Edinburgh, Stirling, Forfar.

——— *saccharatum.* Perth, Forfar.

——— *spurium.* Forfar.

——— *boreale.* Kirkcudbright, Renfrew, Lanark, Berwick, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Elgin, Inverness, Ross, Orkney.

FEDIA *dentata.* Wigton, Roxburgh, Haddington, Edinburgh, Fife, Forfar, Elgin.

* VALERIANA *rubra.* Edinburgh.

* ——— *pyrenaica.* Renfrew, Lanark, Edinburgh, Linlithgow, Fife, Perth.

* DIPSACUS *Fullonum.* Lanark, Berwick, Fife.

TRAGOPOGON *major.* Berwick, Edinburgh. (Identical with T. pratensis.)

? ——— *porrifolius.* Lanark?

SONCHUS *alpinus.* Forfar, Aberdeen.

? ——— *palustris.* Edinburgh?

LACTUCA *virosa.* Roxburgh, Berwick, Edinburgh, Stirling, Perth, Orkney.

PRENANTHES *hieraciifolia.* Forfar.

APARGIA *Taraxaci.* Argyle, Perth, Forfar, Aberdeen, Inverness, Sutherland.

HIERACIUM *alpinum.* Argyle, Perth, Forfar, Aberdeen, Inverness, Ross, Sutherland.

——— *Halleri.* Perth, Forfar, Aberdeen.

† ——— *aurantiacum.* Stirling, Dumbarton, Perth, Aberdeen, Banff.

——— *Lawsoni.* Fife, Stirling, Argyle, Perth, Forfar.

——— *pulmonarium.* Lanark, Roxburgh, Aberdeen.

——— *sylvaticum.* Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Dumbarton, Argyle, Forfar, Elgin, Ross.

——— *denticulatum.* Selkirk, Dumbarton, Perth, Forfar, Elgin, Ross, Sutherland.

——— *prenanthoides.* Lanark, Berwick, Edinburgh, Linlithgow, Perth, Forfar, Aberdeen, Elgin, Inverness.

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HIERACIUM *umbellatum*. Kirkcudbright, Dumfries, Berwick, Perth, Forfar, Sutherland.
——— *paludosum*. Dumfries, Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Dumbarton, Perth, Forfar, Aberdeen, Elgin, Ross.
——— *molle*. Berwick, Fife, Dumbarton, Forfar.
——— *cerinthoides*. Dumfries, Forfar.
——— *amplexicaule*. Fife, Forfar.
HYPOCHÆRIS *glabra*. Forfar, Elgin, Nairn.
——— *maculata*. Forfar.
LAPSANA *pusilla*. Forfar, Elgin.
SAUSSUREA *alpina*. Dumfries, Stirling, Argyle, Perth, Forfar, Inverness, Ross, Sutherland.
ONOPORDUM *Acanthium*. Man, Lanark, Roxburgh, Berwick? Haddington, Edinburgh, Fife.
CNICUS *eriophorus*. Edinburgh, Dumbarton, Argyle.
——— *heterophyllus*. Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Stirling, Dumbarton, Argyle, Forfar, Aberdeen, Ross, Sutherland.
? ——— *pratensis*. Argyle?
ARTEMISIA *maritima*. Man, Wigton, Kirkcudbright, Berwick, Haddington, Forfar.
† GNAPHALIUM *margaritaceum*. Man, Selkirk.
——— *dioicum*. Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Fife, Stirling, Dumbarton, Argyle, Forfar, Aberdeen, Elgin, Inverness, Ross, Sutherland, Orkney.
——— *gallicum*. Fife, Forfar.
——— *supinum*. Stirling, Argyle, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland.
? CONYZA *squarrosa*. Perth?
ERIGERON *alpinus*. Perth, Forfar.
——— *acris*. Berwick, Forfar.
TUSSILAGO *alpina*. Forfar.
SENECIO *viscosus*. Kirkcudbright, Renfrew, Lanark, Berwick, Edinburgh, Fife, Dumbarton.
——— *saracenicus*. Kirkcudbright, Ayr, Renfrew, Lanark, Edinburgh, Fife, Stirling, Forfar, Aberdeen.
? ——— *paludosus*. Ross?
ASTER *Tripolium*. Renfrew, Berwick, Haddington, Edinburgh, Fife, Dumbarton, Argyle, Forfar, Aberdeen, Elgin, Ross.
LIMBARDA *crithmoides*. Wigton, Kirkcudbright.
† DORONICUM *plantagineum*. Edinburgh, Fife, Stirling, Perth.
† ——— *Pardalianches*. Dumfries, Lanark, Edinburgh, Fife, Perth, Forfar, Aberdeen.
PYRETHRUM *maritimum*. Man, Wigton, Kirkcudbright, Renfrew, Berwick, Edinburgh, Fife, Dumbarton, Argyle, Forfar, Aberdeen, Banff, Elgin, Ross, Orkney.
ANTHEMIS *nobilis*. Berwick, Argyle.
? ——— *maritima*. Kirkcudbright?
* ——— *tinctoria*. Forfar.
ACHILLÆA *tomentosa*. Renfrew, Dumbarton.

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CENTAUREA *Jacea*. Kirkcudbright, Forfar, Banff.
LOBELIA *Dortmanna*. Kirkcudbright, Lanark, Stirling, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Banff, Elgin, Nairn, Inverness, Ross, Sutherland.
CAMPANULA *latifolia*. Lanark, Roxburgh, Berwick, Edinburgh, Fife, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Banff.
——— *rapunculoides*. Edinburgh, Fife, Perth, Forfar.
——— *Trachelium*. Lanark, Edinburgh, Fife, Stirling.
——— *persicifolia*. Banff.
* ——— *Rapunculus*. Perth.
——— *glomerata*. Haddington, Fife, Forfar.
——— *hederacea*. Man, Renfrew, Lanark.
——— *hybrida*. Haddington.
VACCINIUM *Oxycoccos*. Lanark, Berwick, Edinburgh, Fife, Forfar, Aberdeen, Ross.
——— *Vitis-Idæa*. Lanark, Roxburgh, Berwick, Edinburgh, Stirling, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Elgin, Inverness, Ross, Sutherland.
——— *uliginosum*. Argyle, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland.
ARBUTUS *alpina*. Argyle, Forfar, Inverness, Ross, Sutherland, Orkney.
——— *Uva-ursi*. Berwick, Argyle, Perth, Forfar, Aberdeen, Banff, Elgin, Nairn, Inverness, Sutherland, Caithness, Orkney.
MENZIESIA *cærulea*. Perth.
ANDROMEDA *polifolia*. Wigton, Kirkcudbright, Dumfries, Renfrew, Stirling, Perth.
AZALEA *procumbens*. Stirling, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland, Orkney, Shetland.
PYROLA *rotundifolia*. Peebles, Berwick, Edinburgh, Perth, Forfar, Aberdeen, Inverness, Orkney?
——— *media*. Lanark, Berwick, Argyle, Perth, Forfar, Aberdeen, Elgin, Nairn, Ross.
——— *minor*. Lanark, Roxburgh, Berwick, Edinburgh, Linlithgow, Argyle, Perth, Forfar, Aberdeen, Elgin, Nairn, Ross.
——— *secunda*. Berwick, Argyle, Perth, Forfar, Elgin, Nairn, Inverness, Ross.
——— *uniflora*. Perth, Forfar, Elgin, Ross, Sutherland.
GENTIANA *nivalis*. Perth, Forfar, Inverness.
ERYTHRÆA *littoralis*. Berwick, Haddington, Kincardine, Elgin.
——— *latifolia*. Argyle.
† POLEMONIUM *cæruleum*. Lanark, Berwick, Edinburgh, Linlithgow, Aberdeen.
CONVOLVULUS *Soldanella*. Man, Wigton, Ayr, Argyle, Forfar.
CUSCUTA *europæa*. Dumfries, Lanark, Edinburgh, Forfar, Aberdeen.
——— *epithymum*. Kirkcudbright.
LITHOSPERMUM *maritimum*. Ayr, Renfrew, Berwick, Fife, Argyle, Forfar, Kincardine, Aberdeen, Banff, Elgin, Inverness, Ross, Sutherland, Caithness, Orkney.

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† PULMONARIA *officinalis*. Lanark, Berwick, Edinburgh.
SYMPHYTUM *tuberosum*. Renfrew, Lanark, Berwick, Edinburgh, Fife, Forfar, Aberdeen, Banff.
ASPERUGO *procumbens*. Berwick, Haddington, Forfar, Elgin?
† ANCHUSA *sempervirens*. Lanark, Berwick, Haddington, Edinburgh, Fife, Dumbarton, Argyle, Forfar, Kincardine, Aberdeen, Elgin, Ross.
? ——— *officinalis*. Lanark? Stirling?
CYNOGLOSSUM *sylvaticum*. Perth, Forfar.
MYOSOTIS *alpestris*. Perth.
——— *sylvatica*. Berwick, Edinburgh.
——— *cæspitosa*. Man, Berwick, Aberdeen.
——— *secunda*. Aberdeen.
——— *repens*. Berwick, Forfar, Aberdeen.
——— *collina*. Man, Edinburgh, Fife, Aberdeen, Elgin.
VERBASCUM *nigrum*. Berwick, Haddington, Edinburgh.
——— *Lychnites*. Stirling, Dumbarton.
† ——— *pulverulentum*. Banff.
† ATROPA *Belladonna*. Renfrew, Berwick, Edinburgh, Fife, Stirling, Argyle, Forfar, Elgin.
SOLANUM *nigrum*. Wigton.
LINARIA *repens*. Ayr, Edinburgh, Aberdeen.
† SCROPHULARIA *vernalis*. Dumfries, Ayr, Lanark, Edinburgh, Stirling, Perth, Forfar, Aberdeen.
LIMOSELLA *aquatica*. Haddington.
BARTSIA *alpina*. Perth, Inverness, Ross.
——— *viscosa*. Wigton, Renfrew, Dumbarton, Argyle.
RHINANTHUS *major*. Berwick, Forfar, Nairn.
MELAMPYRUM *sylvaticum*. Kirkcudbright, Ayr, Berwick, Perth, Forfar, Aberdeen, Ross.
——— *pratense* (montanum). Berwick.
VERONICA *officinalis* (hirsuta). Ayr, Perth.
——— *alpina*. Stirling, Perth, Forfar, Aberdeen, Inverness.
——— *saxatilis*. Perth, Forfar, Sutherland.
? ——— *fruticulosa*. Argyle? Perth?
——— *serpyllifolia* (humifusa). This being the common mountain form of the species, it has not been deemed worth while to mention it under each county of Scotland, although named in the former volume.
——— *polita*. Lanark, Berwick, Edinburgh, Dumbarton.
——— *Buxbaumii*. Lanark, Berwick, Fife.
LYCOPUS *europæus*. Man, Wigton, Renfrew, Lanark, Roxburgh, Fife, Stirling, Argyle, Perth, Kincardine, Aberdeen, Nairn, Ross.
MENTHA *sylvestris*. Berwick, Forfar, Nairn.
? ——— *rotundifolia*. Edinburgh?
——— *viridis*. Berwick, Edinburgh, Perth.
——— *viridis* (crispa). Berwick, Stirling, Perth.
——— *piperita*. Roxburgh, Berwick, Edinburgh, Dumbarton, Perth, Forfar, Aberdeen.
——— *rubra*. Lanark, Roxburgh, Berwick, Edinburgh, Elgin.

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MENTHA *gentilis*. Dumfries, Berwick, Edinburgh, Argyle.
——— *Pulegium*. Man, Elgin.
† TEUCRIUM *Chamædrys*. Perth, Forfar.
AJUGA *alpina*? Forfar, Aberdeen.
——— *pyramidalis*. Argyle, Inverness, Ross, Caithness, Orkney.
† LEONURUS *Cardiaca*. Lanark, Edinburgh, Nairn.
GALEOPSIS *Ladanum*. Edinburgh, Elgin, Orkney.
——— *versicolor*. Dumfries, Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Banff, Ross.
† LAMIUM *maculatum*. Lanark, Edinburgh, Fife, Ross.
——— *intermedium*. Wigton, Edinburgh, Forfar. (Is this distinct from L. amplexicaule?)
——— *incisum*. Man, Renfrew, Lanark, Berwick, Edinburgh, Dumbarton, Forfar, Aberdeen, Elgin.
STACHYS *ambigua*. Man, Wigton, Kirkcudbright, Renfrew, Berwick, Edinburgh, Dumbarton, Argyle, Ross, Orkney.
ACINOS *vulgaris*. Haddington, Edinburgh, Forfar, Elgin.
CALAMINTHA *Nepeta*. Man.
SCUTELLARIA *minor*. Man, Ayr, Lanark, Dumbarton.
OROBANCHE *rubra*. Fife, Argyle, Ross.
LATHRÆA *squamaria*. Renfrew, Lanark, Berwick, Edinburgh, Argyle.
UTRICULARIA *minor*. Dumfries, Dumbarton, Forfar, Inverness, Sutherland.
——— *intermedia*. Lanark (?), Argyle, Forfar, Aberdeen, Elgin, Nairn, Sutherland.
PINGUICULA *alpina*. Ross.
——— *lusitanica*. Man, Wigton, Ayr, Argyle, Inverness, Ross, Sutherland, Orkney.
PRIMULA *vulgaris* (elatior). Edinburgh, Linlithgow, Fife, Forfar, Aberdeen, Orkney.
——— *farinosa*. Peebles, Edinburgh.
——— *scotica*. Sutherland, Caithness, Orkney.
TRIENTALIS *europæa*. Selkirk, Edinburgh, Fife, Stirling, Argyle, Perth, Forfar, Aberdeen, Elgin, Nairn, Inverness, Ross, Shetland.
LYSIMACHIA *thyrsiflora*. Lanark, Edinburgh, Linlithgow, Stirling, Dumbarton, Forfar.
CENTUNCULUS *minimus*. Man, Ayr, Lanark, Forfar, Elgin, Nairn.
ANAGALLIS *arvensis* (cærulea). Lanark, Dumbarton, Perth, Aberdeen.
STATICE *Armeria*. Man, Renfrew, Berwick, Edinburgh, Fife, Dumbarton, Perth, Forfar, Aberdeen, Elgin, Inverness, Ross, Sutherland, Orkney.
——— *Limonium*. Kirkcudbright, Berwick.
——— *spathulata*. Wigton.
GLAUX *maritima*. Man, Renfrew, Berwick, Haddington, Edinburgh, Fife, Dumbarton, Argyle, Forfar, Kincardine, Aberdeen, Banff, Elgin, Sutherland, Orkney.
PLANTAGO *maritima*. Man, Ayr, Renfrew, Lanark, Berwick, Edin-

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burgh, Linlithgow, Dumbarton, Argyle, Perth, Forfar, Kincardine, Aberdeen, Banff, Elgin, Inverness, Ross, Sutherland, Caithness, Orkney.

LITTORELLA *lacustris*. Lanark, Berwick, Haddington, Edinburgh, Fife, Stirling, Dumbarton, Forfar, Aberdeen, Elgin, Ross, Orkney.

SALICORNIA *herbacea*. Berwick, Haddington, Fife, Dumbarton, Forfar, Kincardine, Aberdeen, Elgin, Nairn, Ross.

——— *radicans*. Forfar.

SALSOLA *Kali*. Man, Berwick, Edinburgh, Fife, Forfar, Aberdeen, Elgin.

CHENOPODIUM *maritimum*. Ayr, Berwick, Haddington, Linlithgow, Fife, Dumbarton, Argyle, Forfar, Elgin, Inverness, Ross.

——— *murale*. Man, Berwick, Forfar.

——— *urbicum*. Berwick, Edinburgh, Aberdeen.

——— *olidum*. Edinburgh.

——— *hybridum*. Edinburgh.

——— *polyspermum*. Forfar.

ATRIPLEX *portulacoides*. Wigton, Edinburgh? Dumbarton.

——— *laciniata*. Ayr, Edinburgh, Fife, Dumbarton, Forfar, Elgin, Ross, Sutherland, Orkney.

——— *littoralis*. Berwick, Haddington, Edinburgh, Linlithgow, Fife, Aberdeen.

BETA *maritima*. Man, Haddington, Edinburgh, Linlithgow, Fife, Orkney, Shetland.

POLYGONUM *viviparum*. Fife, Perth, Forfar, Aberdeen, Elgin, Nairn, Inverness, Ross, Sutherland.

* ——— *Fagopyrum*. Edinburgh.

——— *minus*. Forfar.

——— *maritimum*. Wigton.

——— *aviculare* (maritime variety). Ayr, Argyle.

OXYRIA *reniformis*. Stirling, Argyle, Perth, Forfar, Aberdeen, Elgin, Inverness, Ross, Orkney.

RUMEX *aquaticus*. Ayr.

——— *alpinus*. Fife, Dumbarton.

——— *pulcher*. Lanark.

——— *maritimus*. Fife, Aberdeen, Orkney.

——— *palustris*. Forfar.

* ——— *scutatus*. Edinburgh.

† HIPPOPHAE *rhamnoides*. Haddington, Edinburgh.

* ASARUM *europæum*. Linlithgow.

EUPHORBIA *Esula*. Roxburgh, Berwick, Haddington, Edinburgh, Linlithgow.

† ——— *Cyparissias*. Edinburgh.

* ——— *Lathyris*. Ayr, Lanark.

——— *Paralias*. Man.

——— *portlandica*. Man, Wigton.

† MERCURIALIS *annua*. Fife, Perth.

EMPETRUM *nigrum*. Man, Renfrew, Lanark, Roxburgh, Berwick, Edinburgh, Fife, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Elgin, Ross, Inverness, Sutherland, Orkney.

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* Ulmus *glabra*. Ross, Sutherland.
Quercus *sessiliflora*. Berwick, Edinburgh, Perth, Aberdeen, Sutherland.
* Castanea *vulgaris*. Lanark, Berwick, Edinburgh, Fife.
† Carpinus *Betulus*. Renfrew, Lanark, Berwick, Edinburgh.
Betula *nana*. Lanark, Peebles, Perth, Forfar, Aberdeen, Banff, Inverness, Ross.
Salix *purpurea*. Dumfries, Roxburgh, Forfar.
—— *Helix*. Lanark, Edinburgh, Forfar.
—— *Lambertiana*. Edinburgh, Forfar.
—— *rubra*. Forfar.
—— *undulata*. Forfar.
—— *triandra*. Edinburgh, Forfar.
—— *pentandra*. Man, Dumfries, Lanark, Edinburgh, Forfar.
—— *decipiens*. Edinburgh.
† —— *Russeliana*. Lanark, Edinburgh, Forfar, Inverness.
—— *vitellina*. Lanark, Dumbarton, Forfar.
—— *petiolaris*. Lanark, Forfar.
—— *rosmarinifolia*. Aberdeen.
—— *angustifolia*. Dumfries, Forfar.
—— *fusca* (parvifolia, incubacea). Forfar.
—— —— (argentea). Perth, Forfar, Orkney.
—— *ambigua*. Perth, Forfar, Caithness, Orkney.
—— *reticulata*. Perth, Forfar, Aberdeen, Sutherland.
—— *glauca*. Forfar, Aberdeen.
—— *arenaria*. Edinburgh, Perth, Forfar, Inverness, Orkney.
—— *Stuartiana*. Perth.
—— *stipularis*. Forfar.
—— *Smithiana*. Edinburgh, Forfar.
—— *ferruginea*. Fife.
—— *cinerea*. Renfrew, Lanark, Edinburgh, Forfar.
—— *aquatica*. Lanark, Forfar, Orkney.
—— *oleifolia*. Forfar.
—— *sphacelata*. Perth.
—— *cotinifolia*. Wigton, Forfar.
—— *nigricans*. Edinburgh, Forfar.
—— *Andersoniana*. Perth, Forfar.
—— *Forsteriana*. Perth.
—— *rupestris*. Perth, Forfar.
—— *tenuior*. Perth.
—— *laxiflora*. Perth.
—— *radicans*. Dumfries, Perth.
—— *Borreriana*. Perth, Inverness.
—— *Davallaniana*. Perth (S. phyllicifolia ?).
—— *tetrapla*. Perth.
—— *Weigeliana*. Perth.
—— *Croweana*. Inverness.
—— *bicolor*. Lanark, Perth, Forfar.
—— *phyllyreifolia*. Perth, Inverness.
—— *vacciniifolia*. Dumfries, Perth.
—— *carinata*. Perth.

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SALIX *prunifolia*. Perth, Forfar, Orkney.
—— *venulosa*. Perth.
—— *myrsinites*. Argyle? Perth, Inverness.
—— *procumbens*. Argyle, Perth, Inverness.
—— *herbacea*. Argyle, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland, Orkney.
—— *hastata*. Forfar.
—— *lanata*. Forfar, Aberdeen.
PINUS *sylvestris*. Renfrew, Lanark, Edinburgh, Perth, Forfar, Aberdeen, Elgin.
? HYDROCHARIS *Morsus-ranæ*. Edinburgh?
* STRATIOTES *aloides*. Edinburgh, Perth, Forfar.
SAGITTARIA *sagittifolia*. Renfrew.
ALISMA *natans*. Wigton.
SCHEUCHZERIA *palustris*. Perth.
TRIGLOCHIN *maritimum*. Man, Renfrew, Berwick, Haddington, Fife, Dumbarton, Forfar, Aberdeen, Elgin, Ross, Sutherland, Orkney.
ORCHIS *pyramidalis*. Wigton, Fife, Argyle.
HABENARIA *albida*. Ayr, Renfrew, Lanark, Fife, Stirling, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Banff, Elgin, Inverness, Ross, Orkney.
———— *chlorantha*. Wigton, Edinburgh.
LISTERA *cordata*. Man, Wigton, Renfrew, Lanark, Berwick, Edinburgh, Stirling, Argyle, Perth, Forfar, Aberdeen, Banff, Elgin, Inverness, Ross, Sutherland, Orkney.
GOODYERA *repens*. Perth, Forfar, Aberdeen, Banff, Elgin, Nairn, Inverness, Ross.
EPIPACTIS *ensifolia*. Argyle? Perth.
———— *grandiflora*. Argyle, Perth.
MALAXIS *paludosa*. Wigton, Fife, Perth, Forfar, Ross, Sutherland.
CORALLORHIZA *innata*. Ayr, Edinburgh, Fife, Perth, Forfar, Ross.
IRIS *Pseudacorus* (citrina). Ayr.
† — *fœtidissima*. Edinburgh, Fife.
* — *xiphioides*. Forfar.
† NARCISSUS *Pseudo-narcissus*. Berwick, Edinburgh, Fife, Argyle.
* ———— *biflorus*. Haddington.
GALANTHUS *nivalis*. Renfrew, Lanark, Roxburgh, Berwick, Edinburgh.
RUSCUS *aculeatus*. Ayr, Lanark.
CONVALLARIA *majalis*. Renfrew, Lanark, Edinburgh, Fife, Perth, Forfar, Elgin, Nairn, Inverness.
———— *multiflora*. Dumfries, Lanark, Stirling, Aberdeen.
? ———— *Polygonatum*. Berwick?
———— *verticillata*. Perth.
? ASPARAGUS *officinalis*. Haddington?
* ORNITHOGALUM *umbellatum*. Lanark, Edinburgh, Argyle.
GAGEA *lutea*. Fife, Perth, Forfar, Nairn.
SCILLA *verna*. Man, Berwick, Argyle, Elgin, Sutherland, Caithness, Orkney, Shetland.

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ALLIUM *arenarium*. Berwick, Fife, Perth, Forfar.
——— *carinatum*. Edinburgh? Forfar.
——— *oleraceum*. Berwick, Fife, Forfar.
† ——— *Schœnoprasum*. Lanark, Berwick, Argyle.
——— *ampeloprasum*. Forfar.
* TULIPA *sylvestris*. Lanark, Berwick, Edinburgh, Forfar.
† COLCHICUM *autumnale*. Fife.
TOFIELDIA *palustris*. Perth, Forfar, Aberdeen, Inverness, Ross.
TYPHA *angustifolia*. Fife.
SPARGANIUM *natans*. Kirkcudbright, Lanark, Berwick, Edinburgh, Fife, Stirling, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Elgin, Ross, Sutherland, Orkney.
ACORUS *Calamus*. Ayr, Renfrew.
POTAMOGETON *lanceolatus*. Forfar, Aberdeen, Elgin.
——— *prælongus*. Berwick, Fife, Forfar, Aberdeen, Elgin, Nairn.
——— *zosteræfolius*. Forfar.
——— *heterophyllus*. Forfar. (See Preface.)
——— *rufescens*. Lanark, Berwick, Edinburgh, Forfar, Aberdeen, Banff, Caithness.
——— *gramineus*. Lanark, Forfar, Aberdeen, Orkney.
RUPPIA *maritima*. Kirkcudbright, Haddington, Forfar, Kincardine, Elgin, Inverness.
ZOSTERA *marina*. Renfrew, Berwick, Haddington, Edinburgh, Fife, Dumbarton, Argyle, Forfar, Elgin, Inverness, Sutherland.
LEMNA *gibba*. Haddington, Edinburgh.
——— *trisulca*. Berwick, Edinburgh, Forfar.
LUZULA *Fosteri*. Ayr, Forfar.
——— *arcuata*. Aberdeen, Sutherland.
——— *spicata*. Stirling, Argyle, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland.
JUNCUS *balticus*. Forfar, Aberdeen, Elgin, Nairn, Ross, Sutherland.
? ——— *filiformis*. Perth?
——— *maritimus*. Wigton, Ayr, Fife, Elgin, Nairn.
——— *obtusiflorus*. Kirkcudbright, Haddington, Linlithgow, Forfar.
——— *castaneus*. Perth, Forfar, Aberdeen.
——— *trifidus*. Perth, Forfar, Aberdeen, Inverness, Ross, Sutherland.
——— *tenuis*. Forfar.
——— *biglumis*. Argyle, Perth, Forfar, Aberdeen, Inverness.
——— *triglumis*. Stirling, Argyle, Perth, Forfar, Aberdeen, Ross, Sutherland.
——— *capitatus*. Perth?
ERIOCAULON *septangulare*. Inverness.
SCHŒNUS *nigricans*. Fife, Argyle, Forfar, Aberdeen, Ross, Sutherland.
RHYNCHOSPORA *alba*. Kirkcudbright, Dumfries, Lanark, Dumbarton, Argyle, Forfar, Elgin, Ross, Sutherland.
CLADIUM *Mariscus*. Wigton? Forfar? Sutherland.
SCIRPUS *Savii*. Man, Wigton.
——— *maritimus*. Dumfries, Haddington, Linlithgow, Dumbarton, Argyle, Forfar, Kincardine, Aberdeen. Ross.

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BLYSMUS *compressus*. Edinburgh, Dumbarton, Argyle.
——— *rufus*. Man, Kirkcudbright, Haddington, Linlithgow, Dumbarton, Argyle, Forfar, Kincardine. Aberdeen, Banff, Elgin, Nairn, Inverness, Ross, Sutherland, Shetland.
ELEOCHARIS *multicaulis*. Edinburgh, Fife, Kincardine, Aberdeen, Nairn, Inverness, Ross, Sutherland.
——— *pauciflora*. Edinburgh, Fife, Stirling, Dumbarton, Argyle, Perth, Forfar, Aberdeen, Elgin, Ross, Sutherland, Orkney.
——— *acicularis*. Man? Dumfries, Renfrew, Edinburgh, Fife, Stirling, Perth, Orkney?
? ERIOPHORUM *alpinum*. Perth? Forfar?
? ——— *capitatum*. Perth?
——— *vaginatum*. Renfrew, Lanark, Berwick, Edinburgh, Dumbarton, Argyle, Perth, Forfar, Kincardine, Aberdeen, Elgin, Inverness, Ross, Sutherland, Orkney.
——— *gracile*. Perth, Forfar.
——— *pubescens*. Berwick, Ross, Sutherland.
CAREX *pauciflora*. Lanark? Argyle, Perth, Forfar, Aberdeen, Elgin, Inverness, Ross.
? ——— *Davalliana*. Haddington? Edinburgh? Kincardine?
——— *incurva*. Forfar, Aberdeen, Elgin, Nairn, Sutherland, Caithness, Shetland.
——— *arenaria*. Man, Berwick, Haddington, Edinburgh, Dumbarton, Argyle, Forfar, Aberdeen, Ross, Sutherland, Orkney
——— *intermedia*. Berwick, Haddington, Edinburgh, Forfar, Aberdeen.
——— *divisa*. Forfar.
——— *teretiuscula*. Lanark, Edinburgh, Fife, Forfar, Aberdeen, Elgin.
——— *Vahlii*. Forfar, Aberdeen.
——— *tenella*. Forfar.
——— *axillaris*. Edinburgh, Perth.
——— *strigosa*. Edinburgh, Ross.
——— *depauperata*. Dumbarton, Forfar.
——— *Mielichoferi*. Perth, Forfar, Aberdeen.
——— *capillaris*. Perth, Forfar, Aberdeen, Ross, Sutherland.
——— *limosa*. Ayr, Berwick, Fife, Dumbarton, Argyle, Perth, Forfar.
——— *limosa* (rariflora). Forfar, Aberdeen, Sutherland.
——— *Pseudo-Cyperus*. Argyle, Elgin.
——— *ustulata*. Perth.
——— *atrata*. Perth, Forfar.
——— *extensa*. Man, Wigton, Haddington, Fife, Argyle, Forfar, Orkney.
——— *Oederi*. Man, Berwick, Forfar, Aberdeen.
——— *fulva*. Berwick, Edinburgh, Forfar, Kincardine, Aberdeen, Elgin, Ross, Sutherland, Orkney.
——— *speirostachya*. Lanark, Berwick, Edinburgh, Stirling, Dumbarton, Perth, Forfar.
——— *binervis*. Lanark, Berwick, Forfar, Aberdeen, Ross, Orkney.
——— *panicea* (phæostachya). Forfar, Aberdeen, Inverness, Sutherland.

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CAREX *pulla*. Stirling, Argyle, Perth, Forfar, Inverness, Ross, Sutherland.
——— *rigida*. Berwick, Stirling, Argyle, Perth, Forfar, Aberdeen, Banff, Inverness, Ross, Sutherland.
——— *stricta*. Man? Lanark, Edinburgh, Fife, Elgin, Orkney.
——— *aquatilis*. Forfar.
——— *lævigata*. Dumfries, Lanark, Berwick, Fife, Forfar, Aberdeen.
——— *filiformis*. Ayr, Edinburgh, Forfar, Elgin, Inverness, Sutherland.
——— *hordeiformis*. Forfar.
——— *stictocarpa*. Forfar.
——— *angustifolia*. Forfar.
ELYNA *caricina*. Perth.
ALOPECURUS *alpinus*. Perth, Forfar, Aberdeen, Inverness, Ross.
——— *agrestis*. Haddington, Fife, Aberdeen.
——— *fulvus*. Fife, Forfar.
AMMOPHILA *arundinacea*. Ayr, Berwick, Edinburgh, Linlithgow, Fife, Argyle, Forfar, Aberdeen, Elgin, Sutherland, Orkney.
PHLEUM *arenarium*. Man, Berwick, Haddington, Fife, Forfar, Kincardine, Aberdeen, Banff.
——— *Michelii*. Forfar.
* ——— *alpinum*. Perth, Forfar, Aberdeen, Inverness.
POLYPOGON *monspeliensis*. Fife.
CALAMAGROSTIS *Epigejos*. Ayr, Argyle, Aberdeen.
——— *stricta*. Forfar.
? AGROSTIS *Spica-Venti*. Edinburgh?
AIRA *alpina*. Stirling, Argyle, Forfar, Aberdeen, Inverness, Sutherland.
MELICA *nutans*. Berwick, Edinburgh, Argyle, Perth, Forfar, Aberdeen, Banff, Elgin, Ross.
HIEROCHLOE *borealis*. Forfar.
SESLERIA *cærulea*. Stirling, Perth.
POA *aquatica*. Lanark, Edinburgh, Fife, Perth, Forfar, Aberdeen, Elgin.
——— *distans*. Fife, Forfar.
——— *maritima*. Renfrew, Berwick, Haddington, Edinburgh, Fife, Dumbarton, Forfar, Aberdeen, Elgin, Inverness, Ross, Orkney.
——— *procumbens*. Berwick.
——— *alpina*. Stirling, Perth, Forfar, Aberdeen, Inverness, Sutherland.
——— *laxa*. Inverness.
FESTUCA *rubra*. Kirkcudbright, Berwick, Forfar, Kincardine, Aberdeen, Elgin, Orkney.
——— *calamaria*. Lanark, Edinburgh, Dumbarton, Perth, Elgin, Nairn, Inverness.
——— *bromoides*. Berwick, Edinburgh, Dumbarton, Aberdeen, Elgin, Ross.
? BRACHYPODIUM *pinnatum*. Fife?
BROMUS *diandrus*. Edinburgh, Fife.
——— *erectus*. Edinburgh, Fife.

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† BROMUS *secalinus*. Roxburgh, Fife, Forfar, Kincardine, Aberdeen, Elgin, Ross.
——— *velutinus*. Wigton, Edinburgh? Aberdeen.
——— *racemosus*. Lanark, Berwick, Edinburgh, Forfar, Aberdeen, Orkney.
——— *arvensis*. Renfrew, Lanark, Edinburgh, Forfar.
* ——— *rigidus*. Fife.
AVENA *fatua*. Roxburgh, Berwick, Aberdeen, Orkney.
——— *strigosa*. Edinburgh, Forfar, Aberdeen, Inverness, Sutherland.
——— *alpina*. Forfar, Aberdeen.
——— *planiculmis*. Argyle.
——— *pubescens*. Berwick, Edinburgh, Fife, Forfar, Aberdeen, Elgin, Nairn, Inverness, Orkney. (This does not come under our test of "rare plants;" but having accidentally got into the list used for this volume, and its insufficient claim escaping notice until some sheets were in type, it has been allowed to stand. It is, indeed, a scarce plant in Scotland, though less rare in England.)
ELYMUS *arenarius*. Ayr, Argyle, Forfar, Kincardine, Aberdeen, Elgin, Sutherland, Caithness, Orkney.
HORDEUM *pratense*. Berwick.
——— *maritimum*. Forfar.
TRITICUM *loliaceum*. Man, Wigton, Edinburgh, Fife, Forfar, Orkney.
——— *junceum*. Ayr, Berwick, Edinburgh, Linlithgow, Fife, Argyle, Forfar, Aberdeen, Elgin, Ross, Sutherland.
? ——— *cristatum*. Forfar?
ROTTBOLLIA *incurvata* (or filiformis). Kirkcudbright, Haddington, Edinburgh, Linlithgow, Fife.
LOLIUM *arvense*. Berwick, Forfar.
——— *temulentum*. Roxburgh, Berwick, Argyle, Forfar, Aberdeen, Elgin, Nairn.
? DIGITARIA *sanguinalis*. Lanark?

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INDEX TO THE GENERA

IN THE LIST OF SCOTTISH SPECIES.

	Page
Achillæa,	529
Acinos,	532
Aconitum,	521
Acorus,	536
Actæa,	521
Adonis,	521
Agrostis,	538
Aira,	538
Ajuga,	532
Alchemilla,	525
Alisma,	535
Allium,	536
Alopecurus,	538
Althæa,	524
Alyssum,	522
Ammophila,	538
Anagallis,	532
Anchusa,	531
Andromeda,	530
Anemone,	521
Anthemis,	529
Anthriscus,	527
Apargia,	528
Apium,	527
Arabis,	522
Arbutus,	530
Arenaria,	523
Artemisia,	529
Asarum,	533
Asparagus,	535
Asperugo,	531
Aster,	529
Astragalus,	524
Atriplex,	533
Atropa,	531
Avena,	539
Azalea,	530
Barbarea,	522
Bartsia	541
Beta,	533
Betula,	534
Blysmus,	537
Brachypodium,	538
Brassica,	522
Bromus,	538
Cakile,	522
Calamagrostis,	538
Calamintha,	531
Camelina,	522
Campanula,	530
Cardamine,	522
Carex,	537
Carpinus,	534
Carum,	527
Castanea,	534
Centaurea,	530
Centunculus,	532
Cerastium,	523
Ceratophyllum,	526
Chærophyllum,	527
Chelidonium,	521
Cherleria,	524
Chenopodium,	533
Chrysosplenium,	526
Cicuta,	527
Circæa,	526
Cladium,	536
Clematis,	521
Cnicus,	529
Cochlearia,	522
Colchicum,	536
Comarum,	525
Convallaria,	535
Convolvulus,	530
Conyza,	529
Corallorhiza,	535

Digitized by Google

Page
Coriandrum, - - 528
Cornus, - - - 528
Corydalis, - - 522
Cotyledon, - - - 526
Crambe, - - - 522
Crithmum, - - 527
Cuscuta, - - 530
Cynoglossum, - - 531
Daucus, - - - 527
Delphinium, - - 521
Dentaria, - - - 522
Dianthus, - - 523
Digitaria, - - - 539
Dipsacus, - - 528
Doronicum, - - 529
Draba, - - - 522
Drosera, - - - 523
Dryas, - - - 525
Elatine, - - - 523
Eleocharis, - - 537
Elymus, - - 539
Elyna, - - - 538
Empetrum, - - 533
Epilobium, - - - 526
Epimedium, - - 521
Epipactis, - - - 535
Erigeron, - - 529
Eriocaulon, - - 536
Eriophorum, - - 537
Erodium, - - - 524
Eryngium, - - 528
Erysimum, - - 522
Erythræa, - - - 530
Euphorbia, - - 533
Fedia, - - - 528
Festuca, - - - 538
Fœniculum, - - 527
Fragaria, - - 525
Fumaria, - - - 522
Gagea, - - - 535
Galanthus, - - 535
Galeopsis, - - - 532
Galium, - - - 528
Gentiana, - - - 530
Geranium, - - 524
Glaucium, - - 521
Glaux, - - - 532
Gnaphalium, - - 529
Goodyera, - - - 535
Habenaria, - - 535

Page
Helleborus, - - 521
Helosciadium, - - 527
Hesperis, - - 522
Hieracium, - - 528
Hierochloe, - - 538
Hippocrepis, - - 525
Hippophae, - - - 533
Hordeum, - - - 539
Hydrocharis, - - 535
Hypericum, - - 524
Hypochæris, - - 529
Iberis, - - - 522
Impatiens, - - 524
Iris, - - - 535
Isatis, - - - 522
Juncus, - - - 536
Koniga, - - 522
Lactuca, - - - 528
Lamium, - - - 532
Lapsana, - - 529
Lathræa, - - - 532
Lathyrus, - - 525
Lavatera, - - - 524
Lemna, - - - 536
Leonurus, - - - 532
Lepidium, - - - 522
Ligusticum, - - 527
Limbarda, - - 529
Limosella, - - - 531
Linaria, - - - 531
Linnæa, - - - 528
Linum, - - - 524
Listera, - - - 535
Lithospermum, - - 530
Littorella - - 533
Lobelia, - - - 530
Lolium, - - 539
Lonicera, - - - 528
Lotus, - - - 524
Luzula, - - - 536
Lychnis, - - - 523
Lycopus, - - - 531
Lysimachia, - - 532
Malaxis, - - - 535
Meconopsis, - - 521
Medicago, - - - 524
Melampyrum, - - 531
Melica, - - - 538
Melilotus, - - - 524
Mentha, - - - 531

Digitized by Google

	Page
Menziesia,	530
Mercurialis,	533
Meum,	527
Myosotis,	531
Myriophyllum,	526
Myrrhis,	527
Narcissus,	535
Nasturtium,	522
Nuphar,	521
Œnanthe,	527
Œnothera,	526
Ononis,	524
Onopordum,	529
Orchis,	535
Ornithogalum,	535
Orobanche,	532
Orobus,	535
Oxalis,	524
Oxyria,	533
Oxytropis,	524
Papaver,	521
Petroselinum,	527
Peucedanum,	527
Phleum,	538
Pinguicula,	532
Pinus,	535
Plantago,	533
Poa,	538
Polemonium,	530
Polygonum,	533
Polypogon,	538
Potamogeton,	536
Potentilla,	525
Prenanthes,	528
Primula,	532
Prunus,	525
Pulmonaria,	531
Pyrethrum,	529
Pyrola,	533
Pyrus,	526
Quercus,	534
Radiola,	524
Ranunculus	521
Raphanus,	523
Reseda,	523
Rhamnus,	524
Rhinanthus,	531
Rhodiola,	526
Rhynocospora,	537
Ribes,	526
Rosa,	525
Rottbollia	539
Rubia,	529
Rubus,	525
Rumex,	533
Ruppia,	536
Ruscus,	535
Sagina,	523
Sagittaria,	535
Salicornia,	533
Salix,	534
Salsola,	533
Sanguisorba,	525
Saussurea,	529
Saxifraga,	526
Scheuchzeria,	535
Schœnus,	536
Scilla,	535
Scirpus,	536
Scleranthus,	525
Scrophularia,	531
Scutellaria,	532
Sedum,	526
Senecio,	529
Sesleria,	538
Sibbaldia,	525
Silaus,	527
Silene,	523
Sinapis,	522
Sison,	527
Sisymbrium,	522
Sium,	527
Smyrnium,	528
Solanum,	538
Sonchus,	528
Sparganium,	536
Spergula,	523
Spiræa,	525
Stachys,	532
Staphyllea,	524
Statice,	532
Stellaria,	523
Stratiotes,	535
Subularia,	523
Symphytum,	531
Teesdalia,	522
Teucrium,	532
Thalictrum,	521
Thlaspis,	522
Tilia,	524

Digitized by Google

	Page		Page
Tofieldia,	536	Ulex,	524
Torilis,	527	Ulmus,	534
Tragopogon,	528	Utricularia,	532
Trientalis,	532	Vaccinium,	530
Trifolium,	524	Valeriana,	528
Triglochin,	535	Verbascum,	531
Triticum,	539	Veronica,	531
Trollius,	521	Viburnum,	528
Tulipa,	536	Vicia,	525
Turritis,	522	Viola,	523
Typha,	536	Zostera,	536

INDEX TO THE SCOTTISH COUNTIES AND THE ISLANDS.*

	Page		Page
Aberdeen	488	Kinross	450
Argyle, &c.	460	Kirkcudbright	412
Ayr	415	Lanark	419
Banff	497	Linlithgow	449
Berwick	428	Man	407
Caithness	516	Nairn	502
Clackmannan	450	Orkney	517
Cromarty	508	Peebles	426
Dumbarton	457	Perth	465
Dumfries	414	Renfrew	417
Edinburgh	438	Ross	508
Elgin	498	Roxburgh	426
Fife	450	Selkirk	426
Forfar	474	Shetland	520
Haddington	436	Stirling	455
Inverness	503	Sutherland	512
Kincardine	487	Wigton	410

* Bute, Arran, and most of the other islands near the western coast, are included in the counties of Argyle and Inverness.

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SUPPLEMENT

TO THE

NEW BOTANIST'S GUIDE.

ENGLAND AND WALES.

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SUPPLEMENT.

I. CORNWALL.

RANUNCULUS *parviflorus*. Between Millbrook and Crafthole; in the Vale of Menachan, near Helston. *Tour.*

——— *Flammula* (reptans). On Goonhilly Downs. *Tour.*

GLAUCIUM *luteum*. Shore near Crafthole. *Tour.*

CAKILE *maritima*. Shore near Crafthole. *Tour.*

CORONOPUS *didyma*. Between Crafthole and Looe; at Swan Pool. *Tour.*

COCHLEARIA *officinalis*. Near Castle Treryn. *Tour.*

BARBAREA *præcox*. "Before we reached Parrcombe we noticed Erysimum præcox growing on the Killas rocks: this was the only place in the county we noticed this rare plant. I had some doubts respecting it; but Mr. Anderson was quite sure that it was the true plant. We found it in a field near the cliffs between Polcarras and Parrcomb." *Tour.*

RAPHANUS *maritimus*. About the Lizard. *Tour.*

RESEDA *lutea*. Between Fowey and St. Austle; near Tregony. *Tour.*

DROSERA *anglica*. Marazion Marsh. *Tour.* (This is probably the Marsh between Penzance and Marazion, called Gulval marsh, in the former volume. I observed D. longifolia in that marsh, but not D. anglica. *H. W.*)

——— *longifolia*. Near Castle Treryn; between St. Michael's and Gorse Moor. *Tour.*

SILENE *maritima*. Shore near Crafthole. *Tour.*

——— *anglica*. Between Mullion and Helstone; near Pengerswick Castle, near Breoch. *Tour.*

ARENARIA *tenuifolia*. Between Fowey and St. Austle. *Tour.*

CERASTIUM *tetrandrum*. Between Crafthole and Looe; on the sands at Marazion; between Zennar and Mawgan; Gorse Moor and Roche. *Tour.*

LINUM *augustifolium*. Near Fowey. *Tour.*

RADIOLA *millegrana*. Between Fowey and St. Austle; near the Land's End; between Zennar and Mawgan; Gorse Moor and Roche. *Tour.*

HYPERICUM *Androsæmum*. Between Crafthole and Looe; in the vale of Menachan; at Cotehele, near Callington. *Tour.*

ERODIUM *maritimum*. Between Crafthole and Looe; vale of Menachan; between Zennar and Mawgan; at Cotehele. *Tour.*

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GERANEUM *striatum*. "Dr. Penneck informed us that he had observed *Acanthus mollis*, and *Geranium striatum* completely wild near Penzance." *Tour*. (In 1831, I observed the latter growing vigorously in two places, by road-sides, near Penzance; but they were quite near to gardens. *H. W.*)

ULEX *nanus*. Goonhilly Downs. *Tour*.

GENISTA *pilosa*. On the cliffs above the Devil's Frying Pan, near Kedgeworth; near the Land's End; between Zennar and Mawgan. *Tour*.

TRIFOLIUM *suffocatum*. Shore near Crafthole. *Tour*.

VICIA *lathyroides*. Near Fowey. *Tour*.

PRUNUS *Padus*. Near Bodmin. *Tour*.

COMARUM *palustre*. In a bog near Phillack; at Swan Pool. *Tour*.

SANGUISORBA *officinalis*. At Kedgeworth. *Tour*.

ROSA *villosa*. Between Millbrook and Crafthole; near Tregony; between St. Michael's and Gorse Moor. *Tour*.

—— *spinosissima*. At Kedgeworth; downs near Mullion. *Tour*.

PYRUS *torminalis*. Hare Down, near Bodmin. *Tour*.

——— *domestica*. Mr. Lees suggests that the preceding species has been mistaken for the present one, in this county and elsewhere, except Wyre Forest.

ILLECEBRUM *verticillatum*. Gorse Moor and Roche. *Tour*.

HERNIARIA *glabra*. Falmouth; Kedgeworth. *Tour*.

SEDUM *anglicum*. Between Millbrook and Crafthole. *Tour*.

SMYRNIUM *Olusatrum*. Near Pengerswick Castle. *Tour*.

DAUCUS *maritimus*. Cliffs near Crafthole; Kedgeworth; sea-cliffs near Zennar. *Tour*.

PHYSOSPERMUM *cornubiense*. Two miles north-west of Bodmin, on Hare Down, half a mile above Dunmere River. *Tour*.

ERYNGIUM *campestre*. Said to have been found on the shore of Mount's Bay, near Penzance. *Tour*. (I saw only the other British species in 1832. *H. W.*)

RUBIA *peregrina*. Near Crafthole. *Tour*.

FEDIA *dentata*. Corn-fields near Crafthole. *Tour*.

——— *Auricula*. Lindulph. *Br. Fl.*

VALERIANA *rubra*. Fowey; Kedgeworth; Marazion. *Tour*.

CONYZA *squarrosa*. Fowey. *Tour*.

ANTHEMIS *nobilis*. Between Fowey and St. Austle. *Tour*.

ASTER *Tripolium*. About the Lizard. *Tour*. On Asparagus Island, and neighbouring rocks. *H. W.*

CAMPANULA *hederacea*. Between Fowey and St. Austle; Carnbreh Hill, near Camborne; between Callington and Tavistock, in the road leading to the bridge over the Tamar. *Tour*.

ERICA *vagans*. Between Zennar and Mawgan, on the north coast, very sparingly. *Tour*. In Mylor. *Br. Fl.*

——— *ciliaris*. In dry elevated ground, among fir trees, in Sir C. Lemon's Park, at Carclew, near Truro. *W. A. Bromfield, sp.*

ERYTHRÆA *pulchella*. Shore near Crafthole. *Tour*.

EXACUM *filiforme*. In a ditch near the road leading to Bodmin, four miles from St. Michael's; Gorse Moor and Roche. *Tour*.

CONVOLVULUS *Soldanella*. Shore near Crafthole. *Tour*.

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CUSCUTA *Epithymum*. Vale of Menachan; between Zennar and Mawgan. *Tour.*

ANCHUSA *sempervirens*. Between Crafthole and Looe; near Tregony; at Falmouth; near Bodmin. *Tour.*

VERBASCUM *nigrum*. Between Crafthole and Looe; Fowey; near Tregony. *Tour.*

ANTIRRHINUM *Orontium*. About the Lizard. *Tour.*

BARTSIA *viscosa*. In a ditch by the road-side, between Looe and Fowey, about two miles from the latter; near Tregony; near St. Just; between Falmouth and Helford; near the Land's End; about St. Ives; near Bodmin. *Tour.*

SCROPHULARIA *Scorodonia*. Shores of Falmouth Harbour, at Flushing. *W. A. Bromfield, mss.* In the road leading to Tregenna Castle, St. Ives. *Tour.*

SIBTHORPIA *europæa*. Sides of the road, about two miles from Fowey towards Looe near Ruan Lanyhorne; near Bodmin. *Tour.*

MENTHA *rotundifolia*. Near Bolleit, near the Land's End.

——— *sylvestris*. At St. Michael's. *Tour.*

——— *Pulegium*. (The asterisk (*) should have been placed to this species, not to M. gentilis, on page 11.)

CALAMINTHA *Nepeta*. Near St. Austle. *Tour.*

SCUTELLARIA *minor*. Between St. Michael and Corse Moor. *Tour.*

OROBANCHE *minor*. About the Lizard. *Tour.*

PINGUICULA *lusitanica*. In a bog near Phillack; about St. Ives; between St. Michael's and Gorse Moor. *Tour.*

STATICE *Limonium*. Shore near Crafthole. *Tour.*

LITTORELLA *lacustris*. At Swan Pool, near Falmouth. *Tour.*

CHENOPODIUM *maritimum*. Falmouth. *Tour.*

BETA *maritima*. Shore near Crafthole. *Tour.*

POLYGONUM *Raii*. (P. maritimum, Ray). Between Marazion and Penzance. *C. C. Babington, mss.* On the sands, on both sides of Penzance. *H. W. sp.*

SALIX *Smithiana*. Near Fowey. *Tour.*

——— *vitellina*. At Falmouth. *Tour.*

——— *decipiens*. In a bog near Phillack. *Tour.*

——— *fusca* (repens). In a bog near Phillack; vale of Menachan; between Zennar and Mawgan. *Tour.*

——— ——— (prostrata). Near the Land's End. *Tour.*

——— ——— (adscendens). Near the Land's End; Goonhilly Downs. *Tour.*

——— ——— (parvifolia). About the Lizard. *Tour.*

——— ——— (argentea). Goonhilly Downs. *Tour.*

ACTINOCARPUS *Damasonium*. (The mark of doubt (?) ought to have preceded the name of this species, on page 11. The locality is likely enough, in itself, but the plant appears not to have been found elsewhere in the west of England; on which account it is worth while to draw more particular attention to the station.)

IRIS *tuberosa*. In Truciffe Lane, near Penzance, on the top of a hedge, on the left-hand side, in turning up from Love Lane, about fifty yards from the turn; at Barfle, a small tenement

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belonging to Lady Davy, the orchard is overrun with plants of it. *Mag. Nat. Hist.* ix. 205.

SCILLA *verna*. At Kedgeworth. *Tour.*

TYPHA *angustifolia*. Between Falmouth and Helford. *Tour.*

RUPPIA *maritima*. At Swan Pool. *Tour.*

RHYNCOSPORA *alba*. Between St. Michael's and Gorse Moor. *Tour.*

BLYSMUS *compressus*. Goonhilly Downs. *Tour.*

SCIRPUS *maritimus*. At Swan Pool, Falmouth. *Tour.*

——— *Savii*. On the heath, between the Lizard Lights and Soap Rock, Kynance Cove. *H. W. sp.*

ELEOCHARIS *multicaulis*. Near the Land's End. *Tour.*

——— *pauciflora*. At Swan Pool. *Tour.*

CAREX *arenaria*. Looe Bridge; between Fowey and St. Austle. *Tour.*

AGROSTIS *setacea*. Goonhilly Downs. *Tour.*

BRIZA *minor*. Corn-fields near Gulval Church. *Tour.*

POA *procumbens*. At Swan Pool; sands at Marazion. *Tour.*

FESTUCA *rubra*. Between Mullion and Helstone. *Tour.*

AVENA *strigosa*. Near St. Just; between Penzance and St. Ives. *Tour.*

ROTTBOLLIA *incurvata*. In the vale of Menachan. *Tour.*

II. DEVON.

THALICTRUM *minus*. Berry Head. (Mrs. Griffiths.) *W. Bromfield, mss.*

GLAUCIUM *luteum*. Frequent along the coast; Exmouth; Teignmouth; Paignton sands; Braunton Burrows. *Fl. Dev.*

CORONOPUS *didyma*. At the ferry, Dartmouth, on the side next the town; a perfect weed in Lockyer Street, Plymouth, and elsewhere about that town, at the foot of walls and edges of the pavement. *W. A. Bromfield, mss.*

SINAPIS *tenuifolia*. In profusion on walls about Plymouth; Catsdown Quarries, on the rubbish heaps. *W. A. Bromfield, mss.*

KONIGA *maritima*. On the shore below Longzoom Point, Plymouth, gathered two successive seasons, but hardly wild, and not plentiful. *W. A. Bromfield, mss.*

DIANTHUS *Armeria*. Kingsteignton. *Fl. Dev.*

——— *deltoides*. Road-side east from the Teign, near Teignmouth. (Rev. J. Poole.) *J. C. Collins, mss.*

SPERGULA *subulata*. (The reference of "*H. W.*" is to be substituted for "*B. G.*" — Page 15.)

LINUM *angustifolium*. Staddon Heights, Plymouth. *W. A. Bromfield, mss.*

TILIA *parvifolia*. Entire woods of this species at Buckland, near Ashburton. (Mr. ——?) *W. A. Bromfield, mss.* (The

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"woods" lead to the presumption of the trees being planted, not indigenous. I cannot decipher the name of the individual, from whom Dr. Bromfield derived his information. *H. W.*)

HYPERICUM *Androsæmum*. Plentiful about South Molton. *Miss Grace Eastman, sp.*

RHAMNUS *Frangula*. Dell at Ivy Bridge, most abundant. *W. A. Bromfield, mss.*

MEDICAGO *maculata*. Plymouth. *W. A. Bromfield, sp.*

CORONILLA *varia*. Among rocks at the Berry Head; and at Linton. *Mag. Nat. Hist.* x. 603. (The addition of this plant to our native flora is yet of doubtful propriety. See the explanations of Dr. Bromfield, in the work referred to.)

ROSA *spinosissima*. Sentry Field at Morton; Sourton Common, near Oakhampton; Dungeon Cliff, Marychurch. *Fl. Dev.*

——— *tomentosa*. Hedges at North Bovey, near the village; and at Chagford. *Fl. Dev.*

PYRUS *domestica*. (Should be erased from the Devonshire list. *W. A. Bromfield.*)

POLYCARPUM *tetraphyllum*. At the foot of walls, by the road-side, both upper and lower, from Dartmouth to the Paper-mill. *W. A. Bromfield, sp.*

CORRIGIOLA *littoralis*. Slapton Sands. *W. A. Bromfield, sp.*

BRYONIA *dioica*. Powderham Castle, a suspicious locality. (Mr. Abraham.) *W. A. Bromfield, mss.*

BUPLEURUM *Odontites*. Rocks at Torquay; Flagstaff Hill; appearing periodically only. *W. A. Bromfield, mss.*

ASPERULA *cynanchica*. Pinhey Cliffs, near Lyme. *Fl. Dev.*

FEDIA *Auricula*. Torquay. (Mr. Borrer.) *W. A. Bromfield, mss.*

VALERIANA *rubra*. Rocks at Longroom Point, and elsewhere at Plymouth, not indigenous. *W. A. Bromfield, mss.*

CHRYSOCOMA *Lynosyris*. "In plenty on the grassy slopes, near the edge of the cliffs at Berryhead, very much to the west of the last fortification; most luxuriant when growing amongst bushes at the margin of adjoining fields." *W. A. Bromfield, mss.*

LOBELIA *urens*. "Quite at the bottom of Kilmington Hill, or Shute Common (Axminster end), on a part of the heath facing the George public-house, but on the other side of the road, growing amongst tufts of short furze or heath, in tolerable plenty, 1836. The inhabitants know the plant from the frequent visits of the curious. I am told by Mr. Abraham, it occurs scattered over Woodbury Hill, and I found one specimen at a considerable distance from the general station." *W. A. Bromfield, mss.*

ANCHUSA *sempervirens*. Truly wild in a retired lane, on a bank amongst weeds, a few miles from Plymouth. *W. A. Bromfield, mss.*

ATROPA *Belladonna*. A plant or two on the shore below Longroom Point, Plymouth, scarcely wild there. *W. H. Bromfield, mss.*

VERBASCUM *Blattaria*. Dartmouth, near the ferry; also by the road-

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side (upper one) going to the Paper-mill. *W. A. Bromfield, mss.*

VERBASCUM *virgatum*. Dawlish. *C. C. Babington, mss.*

LINARIA *spuria*. Tor Abbey grounds, Torquay, amongst potatoes. *W. A. Bromfield, mss.*

MELITTIS *Melissophyllum*. Cann (?) Wood, near Plymouth. *W. A. Bromfield, sp.* (Insert "*B. G.*" after "Hall," on the tenth line of page 23.)

OROBANCHE *caryophyllacea*. The Devonshire station, in Br. Fl. 3d edition, is in error. *Comp.*

STATICE *spathulata*. Berry Head, in one place only, 1886. *W. A. Bromfield, mss.*

LITTORELLA *lacustris*. On the margin of the great pool near the sea, between Slapton and Tor-cross. (Mrs. Griffiths.) *W. A. Bromfield, mss.* Haldon. *Fl. Dev.*

EUPHORBIA *Peplis*. Slapton Sands, locally. *W. A. Bromfield, mss.*

——— *portlandica*. Tor Abbey grounds, Torquay, abundant. *W. A. Bromfield, sp.*

——— *Paralias*. Slapton Sands, in the utmost profusion. *W. A. Bromfield, mss.*

——— *pilosa*? Linton. *H. W. sp.* The specimen was probably gathered in the wooded hollow, under the right-hand side of the road descending from Linton to Leemouth; but there being only the autumnal remains of the flower-stalks, I do not feel quite assured of the species.

ARISTOLOCHIA *Clematitis*. Powderham. (Mr. Abraham.) *W. A. Bromfield, mss.*

ORCHIS *ustulata*. Shaugh Vale. *Fl. Dev.*

TRICHONEMA *Columnæ* (T. Bulbocodium, page 24.). The exact spot is on the left of the old road, from Exeter to Dawlish, before ascending the hill to Mount Pleasant, and almost in front of the small cottages there; it extends, at intervals, to the ferry. *Mag. Nat. Hist.* vii. 272.

LEMNA *trisulca*. Pond at St. Mary's Clyst. *Fl. Dev.*

SCIRPUS *Savii*. Devon. *Br. Fl.* 3d edition.

BRIZA *minor*. Torquay. (Miss Griffiths.) *W. A. Bromfield, mss.*

FESTUCA *rubra*. Teignmouth. *Jones's Botanical Tour.*

——— *uniglumis*. Exmouth Sands. *Fl. Dev.*

HORDEUM *pratense*. Sides of the Terrace-walk, below Barnstable Bridge. *H. W. sp.*

SPARTINA *stricta*. Starcross, Devon. *C. C. Babington, mss.* Devon. (Goodenough, in Smith's Herbarium.) *W. A. Bromfield, mss.*

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III. SOMERSET.

CLEMATIS *Vitalba.* Street; and generally through all the lias of the County. *J. C. Collins, mss.* On Quantock. *A. Southby, mss.*

THALICTRUM *minus.* Still growing plentifully on Cheddar Cliffs. *J. C. Collins, mss.*

RANUNCULUS *parviflorus.* About the Quarry, Wembdon; not uncommon around Bridgwater. *J. C. Collins, mss.* Generally in the district north-east of the Quantock Hills. *J. Poole, mss.* *

HELLEBORUS *viridis.* Leigh Woods (Mr. Thomas Clark); on the Mendip Hills, near Compton Martin; Sideot. *J. C. Collins, mss.*

ACONITUM *Napellus.* "Mr. Clark, who furnished Sir J. Smith with the Somersetshire locality of this plant, describes it as growing in great plenty on both sides of one of the tributary streams of the river Tone, between Ford and Milverton, occurring at intervals for four miles along its course; but says that it is erroneously stated 'as growing in other similar situations in that neighbourhood.'" *J. C. Collins, mss.*

PÆONIA *corallina.* Steep Holmes. *W. A. Bromfield, sp.* "In 1834, nearly eradicated by destructive visitors." *J. C. Collins, mss.* A single plant in the centre of a large wood, near the "Rocks," Bath. *C. C. Babington, mss.*

PAPAVER *hybridum.* Abundantly in fields at the mouth of the river Parret, at Steart, and Burnham. *J. C. Collins, mss.*

——— *somniferum.* Spread widely over the sand-hills at Burnham. *J. C. Collins, mss.*

MECONOPSIS *cambrica.* At the bottom of the hill, south-east of the village of Cutcombe. *J. Poole, mss.* Culbone Cliffs. *J. C. Collins, mss.*

GLAUCIUM *luteum.* Burnham; Steart; Stotford; Minehead; occasionally, indeed, on the whole coast of the Bristol Channel. *J. C. Collins, mss.*

CORYDALIS *claviculata.* Enmore; Bromfield; Seven Wells; Overstowey. *J. Poole, mss.* Conygear Hill, Dunster; Charlinch. *J. C. Collins, mss.*

——— *lutea.* On an old wall at Chilton Polden; also at Dunster. *J. C. Collins, mss.*

NASTURTIUM *sylvestre.* Burtle Turf-Moor. *J. C. Collins, mss.*

ARABIS *stricta.* Cheddar; rocks on the Quantock Hills, near Merridge; Leigh Woods. *J. C. Collins, mss.*

COCHLEARIA *anglica.* Rocks at Brean Down. *J. C. Collins, mss.*

* The localities followed by the name of the Rev. J. Poole were communicated for this work, by the Rev. J. C. Collins. The plants have all been recently observed in the several places mentioned; and the same remark applies to those followed by the name of the latter gentleman.

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DRABA *muralis*. East Harptree. *J. C. Collins, mss.*

HUTCHINSIA *petræa*. Cheddar. *J. C. Collins, mss.*

IBERIS *amara*. Very rarely among the sand-hills at Burnham. *J. C. Collins, mss.*

CAKILE *maritima*. Berrow; Burnham; Steart; Minehead. *J. C. Collins, mss.*

CAMELINA *sativa*. Timber-yard at Bridgwater. (Mr. Clark.) *J. C. Collins, mss.*

LEPIDIUM *ruderale*. Leigh Wood, near Bristol. *J. C. Collins.*

BRASSICA *oleracea*. Berrow; Brean; Steep Holmes. *J. C. Collins, mss.*

——— *campestris*. Burnham. *J. C. Collins, mss.*

SINAPIS *muralis*. Old walls at Taunton. *J. C. Collins, mss.* (The plant of the *Flora Bathonensis*, under the name of "S. tenuifolia," is to be referred to the present species. — Page 29.)

CRAMBE *maritima*. Burnham, on the coast near the Church. *J. C. Collins, mss.*

RAPHANUS *maritimus*. At the base of Brean Down, towards Berrow, very rare. *J. C. Collins, mss.*

KONIGA *maritima*. Burnham Sands. *J. C. Collins, mss.*

RESEDA *fruticulosa* (or *alba*?). Very abundant on the sand at Weston-supra-mare, between the town and the pier, but certainly an escape from gardens only, from which it is easy to trace it all along. *W. A. Bromfield, mss.*

HELIANTHEMUM *ledifolium*. (The name of this plant may be dismissed from the British Floras; the Rev. J. C. Collins having searched for it in vain "nearly every year for the last ten years." — Page 29.)

VIOLA *flavicornis*. On the sea banks, on both sides of the mouth of the Parret; very common in Burtle Turf-moor, where there is also a milk-white variety of V. canina, if it is not another species. *J. C. Collins, mss.*

DROSERA *longifolia*. Common on Burtle Turf-moor, towards Shapwick Heath. *J. C. Collins, mss.*

DIANTHUS *deltoides*. On the lias near Street. *J. C. Collins, mss.*

——— *arenarius*. "Described in Rutter's North-east Somerset, as found at Cheddar, with some remarks on the distinction of this plant and D. cæsius." *J. C. Collins, mss.*

SILENE *maritima*. South side of Brean Down, plentifully; Clevedon. *J. C. Collins, mss.* Coast between Watchett and Minehead; Flat Holmes Island. *J. Poole, mss.*

——— *anglica*. Near the Horse and Jockey, Kingsdown. *Add. Fl. Bath.*

ARENARIA *peploides*.
——— *marina*.
——— *tenuifolia*.
} On the sea-coast at Steart, Burnham, and in the salt marshes near Burnham and Brean. *J. C. Collins, mss.*

CERASTIUM *tetrandrum*. Common among the sand-hills at Burnham and Steart. *J. C. Collins, mss.*

LINUM *angustifolium*. Abundant on the lias near the coast at Shurton Bars. *J. C. Collins, mss.*

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LINUM *perenne*. Puriton, and on the Polden Hills. *J. C. Collins, mss.*

LAVATERA *arborea*. Steep Holmes, on the north side. *J. C. Collins, mss.*

ALTHÆA *officinalis*. Commyn at Middlezoy, and in the Sedgmoors. *J. C. Collins, mss.*

HYPERICUM *calycinum*. Covering a copse at Kilve, being probably as wild as in any English station. *J. C. Collins, mss.*

——— *Androsæmum*. Not unfrequent in the lanes to the westward of Bridgewater, and in the red soil of Quantock. *J. C. Collins, mss.*

——— *montanum*. Towards the extremity of Brean Down; hills above Cheddar Rocks. *J. C. Collins, mss.*

——— *elodes*. Boggy ground on the Quantock Hills above Holford; Seven Wells, Coombe. *J. C. Collins, mss.*

GERANIUM *sanguineum*. On the rocks below Leigh Wood, on the Somerset side of the Avon. *E. Lees, mss.*

ERODIUM *maritimum*. By Berrow Church; Steep Holmes. *J. C. Collins, mss.*

IMPATIENS *Noli-me-tangere*. In the woods at Prior Park. *J. C. Collins, mss.*

RHAMNUS *Frangula*. Woods above Ely Green, Over Stowey. *J. Poole, mss.* On the Polden Hills. *J. C. Collins, mss.*

——— *catharticus*. Thicket above Cheddar. *J. C. Collins, mss.*

ULEX *nanus*. Quantock Hills. *J. C. Collins, mss.*

——— *provincialis*. Hills about Bristol; also on Quantock, by Asholt. "The '*Savans*' at the late meeting of the British Association, at Bristol, determined that the Ulex growing on the hills near that city was not the common U. europæus, but U. provincialis. I have since found the same plant in this neighbourhood." *J. C. Collins, mss.*

ONONIS *spinosa*. Common in corn-fields near Quantock. *J. Poole, mss.*

MEDICAGO *sativa*. Naturalised in the Burnham sand-hills. *J. C. Collins, mss.*

TRIFOLIUM *subterraneum*. On the Quantocks, near Holford. *J. C. Collins, mss.*

——— *maritimum*. Abundant about Shurton Bars, Stoke-courcy. *J. C. Collins, mss.*

——— *stellatum*. Stated in Rutter's North-east Somerset as growing at Weston-in-Gordano. *J. C. Collins, mss.*

——— *scabrum*. Field opposite the Parsonage House, Charlinch. *J. Poole, mss.*

——— *ornithopodioides*. Field at Milverton. *J. C. Collins, mss.*

ASTRAGALUS *glycyphyllus*. Near Charlton Mackarell. (Mr. Clark.) *J. C. Collins, mss.*

HIPPOCREPIS *comosa*. Copse at Ford, on the Polden Hills. *J. C. Collins, mss.*

ONOBRYCHIS *sativa*. In a very wild station on the cliffs at Little Stoke, near Stoke-courcy. *J. C. Collins, mss.*

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VICIA *angustifolia*. Merridge on the Quantocks, near Hawkridge Water. *J. C. Collins, mss.*

——— *lathyroides*. Plentifully among the sandy fields at Steart. *J. C. Collins, mss.*

——— *bithynica*. Between Bristol and Pensford. *J. Poole, mss.* Bedminster. *J. C. Collins, mss.*

——— *lutea*. Still growing on Glastonbury Torr Hill; but V. hybrida, I fear, is lost there. *J. C. Collins, mss.*

LATHYRUS *Aphaca*. Common on the lias, by the sea, near Stoke-courcy. *J. C. Collins, mss.*

——— *Nissolia*. In some years, frequent around Bridgwater; Wembdon; Goathurst. *J. C. Collins, mss.*

——— *sylvestris*. Plentifully in Charlinch Lane, near Bridgwater; Stoke-courcy; Wembdon. *J. C. Collins, mss.*

——— *latifolius*. Copse on Polden Hill, near Ford. *J. C. Collins, mss.* Perhaps the station in *Fl. Bath.* may belong to L. sylvestris. *C. C. Babington, mss.*

——— *palustris*. Burtle Turf-moor. *J. C. Collins, mss.*

PRUNUS *domestica*. Hedges at Wembdon; Cannington. *J. C. Collins, mss.*

RUBUS *rhamnifolius*. Common near the Quantock Hills. *J. Poole, mss.*

POTENTILLA *verna*. Frequent round Bridgwater. *J. C. Collins, mss.*

——— *argentea*. Frequent round Bridgwater. *J. C. Collins, mss.*

COMARUM *palustre*. Abundant in Burtle Turf-moor, and moors adjoining. *J. C. Collins, mss.*

ROSA *systyla*. Common in the neighbourhood of Bridgwater. *J. C. Collins, mss.* Near the Horse and Jockey. *Add. Fl. Bath.*

——— *micrantha*. Common in the neighbourhood of Bridgwater. *J. C. Collins, mss.*

——— *inodora*. South side of Brean Down. *J. C. Collins, mss.* Near the Horse and Jockey. *Add. Fl. Bath.*

——— *canina* (Forsteri). In a lane leading from below Prior Park Gate to Combe Down; near Bathampton rocks. *Add. Fl. Bath.*

——— *tomentosa*. In the lane with R. Forsteri. *Add. Fl. Bath.*

PYRUS *communis*. On the hill leading to Cothelston; Sparxton. *J. C. Collins, mss.*

——— *torminalis*. With P. communis. *J. C. Collins, mss.*

——— *Aria*. Cheddar Cliffs. *J. C. Collins, mss.* Leigh Wood. *E. Lees, mss.*

EPILOBIUM *roseum*. On the Quantocks. *J. C. Collins, mss.*

ŒNOTHERA *biennis*. Naturalised on the sand-hills between Burnham and Berrow, for a mile or more. *J. C. Collins, mss.*

MYRIOPHYLLUM *verticillatum*. Burtle Turf-moor; Middlezoy Sedgmoor. *J. C. Collins, mss.*

BRYONIA *dioica*. Cannington Park; Stoke-courcy; Charlinch. *J. C. Collins, mss.*

SEDUM *album*. Walls at Clifton. *E. Lees, mss.*

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SEDUM *dasyphyllum*. Bedminster, on an old wall. (Mr. Clark.) *J. C. Collins, mss:*

COTYLEDON *Umbilicus*. Common on damp walls; rocks and old thatched roofs in the neighbourhood of Bridgwater and around the Quantocks. *J. C. Collins, mss.* (Erase the comma between "Monckton" and "Farley." — Page 31.)

CHRYSOSPLENIUM *alternifolium*. By the side of the Cannington Brook; Charlinch; indeed, by all the streams flowing eastward from Quantock. *J. C. Collins, mss.*

APIUM *graveolens*. In most of the ditches round Bridgwater, occasionally flooded by the river; marsh at Highbridge. *J. C. Collins, mss.*

PETROSELINUM *sativum*. Old walls at Bridgwater; Quarry, Wembdon. *J. C. Collins, mss.*

——— *segetum*. Banks, Wembdon; Stoke-courcy. *J. C. Collins, mss.*

HELOSCIADIUM *repens*. Middlezoy Moor. *J. C. Collins, mss.*

SISON *Amomum*. Enmore. *J. Poole, mss.* Wembdon. *J. C. Collins, mss.*

SIUM *latifolium*. Burtle Turf-moor; ditches in the Sedgmoors, frequent. *J. C. Collins, mss.*

BUPLEURUM *rotundifolium*. Corn-fields on Pelden Hills. *J. C. Collins, mss.*

ŒNANTHE *peucedanifolia*. Between Stoke-courcy and Shurton Bars. *J. C. Collins, mss.*

——— *pimpinelloides*. Common around Bridgwater. *J. C. Collins, mss.*

——— *Phellandrium*. Ditches at Weston-supra-Mare; frequent in the ditches and ponds about Bridgwater; Wembdon. *J. C. Collins, mss.*

FŒNICULUM *vulgare*. Steart; Burnham; Cannington Park; Middlezoy, frequent; Wembdon. *J. C. Collins, mss.*

SILAUS *pratensis*. Common in all the neighbourhood of Bridgwater. *J. C. Collins, mss.*

CRITHMUM *maritimum*. Abundant at Brean Down; Clevedon; Burnham. *J. C. Collins, mss.*

PEUCEDANUM *palustre*. Frequent in Burtle Turf-moor. *J. C. Collins, mss.*

PASTINACA *sativa*. Common around Bridgwater. *J. C. Collins, mss.*

DAUCUS *maritimus*. Near Brean; Shurton Bars. *J. C. Collins, mss.*

CAUCALIS *latifolia*. Corn-fields, Middlezoy, and Westonzoyland. *J. C. Collins, mss.*

ANTHRISCUS *Cerefolium*. Near Bridgwater; Old Bank, Middlezoy. *J. C. Collins, mss.*

MYRRHIS *odorata*. Hedges by the road-side between West Street, Bridgwater, and Enmore. *J. Poole, mss.*

SMYRNIUM *Olusatrum*. Plentiful on Wembdon Hill, and about Middlezoy. *J. C. Collins, mss.*

ERYNGIUM *maritimum*. Abundant at Steart; Burnham; Minehead. *J. C. Collins, mss.*

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ERYNGIUM *campestre*. Given in Rutter's North Somerset as growing at Weston-supra-Mare. *J. C. Collins, mss.*

VIBURNUM *Lantana*. Frequent in hedges and copses around Bridgwater; Wembdon; Enmore Wood. *J. C. Collins, mss.*

VISCUM *album*. Frequent in the orchards, in West Somerset. *J. C. Collins, mss.* Taunton. *R. C. Alexander, mss.*

ASPERULA *cynanchica*. Around Street and Glastonbury, on the lias. *J. C. Collins, mss.*

RUBIA *peregrina*. Abundant in the hedges westward of Bridgwater, towards Stoke-courcy. *J. C. Collins, mss.*

GALIUM *tricorne*. Abundant in corn-fields by the sea, near Shurton Bars. *J. C. Collins, mss.* Polden Hill. *J. Poole, mss.*

FEDIA *dentata*. Around Bridgwater; corn-fields near Shurton Bars. *J. C. Collins, mss.*

VALERIANA *rubra*. Rocks at Minehead; old walls of Glastonbury Abbey. *J. C. Collins, mss.*

DIPSACUS *pilosus*. Road-side about a quarter of a mile south-east of Cannington, near Bridgwater. *J. C. Collins, mss.*

——— *Fullonum*. About Mark and Huntspill; around Bridgwater. *J. C. Collins, mss.*

TRAGOPOGON *porrifolius*. By the river side, Bridgwater, towards Moorland. *J. C. Collins, mss.*

PRENANTHES *muralis*. Cheddar Rocks. *J. C. Collins, mss.* Hedges near Spoxton, in elevated situations on the north-east of Quantock. *J. Poole, mss.*

HIERACIUM *sylvaticum*. On the Quantocks, near Cothelston; Cheddar. *J. C. Collins, mss.*

——— *umbellatum*. On the Quantocks, near Cothelston. *J. C. Collins, mss.*

ONOPORDUM *Acanthium*. Near the Church, Berrow. *J. C. Collins, mss.*

CNICUS *acaulis*. On the hill above Cheddar. *J. C. Collins, mss.* Occasionally on Quantock; common on Polden Hill. *J. Poole, mss.*

——— *pratensis*. Common in Burtle Turf-moor, and the adjoining moors. *J. C. Collins, mss.*

ARTEMISIA *maritima*. Abundant on both sides the river Parret, towards the mouth. *J. C. Collins, mss.*

CONYZA *squarrosa*. Frequent around Bridgwater. *J. C. Collins, mss.*

ERIGERON *acris*. Burnham; Street. *J. C. Collins, mss.* About the limestone quarries at Halse, near Taunton. *R. C. Alexander, mss.*

SENECIO *squalidus*. In the marsh near Burnham and Huntspill. *J. C. Collins, mss.*

——— *saracenicus*. Burnham. *J. C. Collins, mss.*

ASTER *Tripolium*. Common on the banks of the Parret at Bridgwater. *J. C. Collins, mss.*

LIMBARDA *crithmoides*. Steep Holmes. *J. C. Collins, mss.*

DORONICUM *Pardalianches*. By the side of the brook, near St. Catherine's. *Add. Fl. Bath.*

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ANTHEMIS *nobilis*. Radlett Common, Spaxton; and other moist pastures in that neighbourhood. *J. Poole, mss.*

CAMPANULA *Trachelium*. About Cheddar, and on the Cliffs. *J. C. Collins, mss.*

——— *glomerata*. About Cheddar, and on the Cliffs. *J. C. Collins, mss.*

——— *hybrida*. In corn-fields, but rarely; Wembdon. *J. C. Collins, mss.* (Mr. Babington suggests that "Stantonbury Hill" is intended by "St. Anthony's Hill;" but says that there is no quarry there. The name "Thompson" is given as the authority for the station in my copy of Mr. Winch's MSS. Add.—Page 33.)

——— *hederacea*. Plentifully on the Quantock Hills, above Holford. *J. C. Collins, mss.*

VACCINIUM *Oxycoccus*. At Shapwick, in fruit, 1836. *J. C. Collins, mss.*

——— *Vitis-Idæa*. Leigh Woods, near Bristol, and in that neighbourhood. *J. C. Collins, mss.*

MONOTROPA *Hypopitys*. Leigh Wood; near Dunster. *J. C. Collins, mss.*

CHLORA *perfoliata*. Abundant at Shurton Bars, Little Stoke, and on all the lias bordering the channel. *J. C. Collins, mss.*

ERYTHRÆA *pulchella*. Leigh Woods. *J. Poole, mss.* Burnham Berrow. *J. C. Collins, mss.*

——— *litteralis*. Brean Down. *J. C. Collins, mss.*

CONVOLVULUS *Soldanella*. Abundant at Steart and Burnham. *J. C. Collins, mss.*

CUSCUTA *Epithymum*. On furze, &c. in the parish of Broomfield; and other elevated parts of Quantock. *J. Poole, mss.*

——— *europæa*. Hills above Minehead; Quantock. *J. C. Collins, mss.* On the bank of the Avon, opposite to Bath-ford. *Add. Fl. Bath.*

LITHOSPERMUM *purpuro-cæruleum*. In a copse near the road, between Bridgwater and Pawlett; South Brent, very plentiful on the brow of the hill, above the village. (Mr. Clark.) *J. C. Collins, mss.*

ANCHUSA *sempervirens*. Monkton, near Taunton; Bridgwater; Goathurst. *J. C. Collins, mss.* Enmore; Castle Hill, Nether Stowey. *J. Poole, mss.*

SYMPHYTUM *asperrimum*. Near Bath. *C. C. Babington, sp.*

ATROPA *Belladonna*. Among the shingles, on the coast near Little Stoke. *J. C. Collins, mss.* (In a different communication, with which I was favoured by the Rev. J. C. Collins, a locality for this plant is named "Lilstock;" a name that appears in Gazetteers, which do not mention any "Little Stoke" in this county. Perhaps "Lilstock" may be a local abbreviation of the name?)

VERBASCUM *nigrum*. Near Milverton. *J. C. Collins, mss.*

ANTIRRHINUM *Orontium*. Corn-fields, Enmore, not uncommon. *J. Poole, mss.* King's Cliff, North Petherton. *J. C. Collins, mss.*

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LINARIA *Elatine.* A common weed, in gardens and corn-fields, near Quantock. *J. Poole, mss.*

——— *spuria.* Edington, on Polden Hill. *J. Poole, mss.* Wembdon; Bridgwater. *J. C. Collins, mss.*

VERONICA *spicata.* St. Vincent's Rocks, a little below the Hot Wells. *E. Lees, mss.* Rocks by the Hot Wells, in plenty, but of difficult access. *W. A. Bromfield, mss.* (V. hybrida.)

LYCOPUS *europæus.* Halse, near Taunton. *R. C. Alexander, mss.*

MENTHA *rotundifolia.* Middlezoy. *J. C. Collins, mss.*

——— *citrata.* Between Bridgwater and Street. *J. C. Collins, mss.*

GALEOPSIS *Ladanum.* Plentiful in the corn-fields, west of Little Stoke. *J. C. Collins, mss.*

STACHYS *ambigua.* Westonzoyland; Middlezoy. *J. C. Collins, mss.* In a ditch bounding Miller's Nursery Garden, Bristol. (C. C. Babington, Esq.) *W. A. Bromfield, mss.*

ACINOS *vulgaris.* Cheddar Cliffs. *J. C. Collins, mss.* (Read "Stantonbury Hill" for "St. Anthony's Hill?"—Page 35.)

CALAMINTHA *officinalis.* Not uncommon in the Quantock district. *J. Poole, mss.*

MELISSA *officinalis.* This plant deserves a place in a British Flora, more than many admitted. It is not unfrequently found in decidedly wild stations near Bridgwater, particularly at Westonzoyland, Over Stowey, Wembdon, Charlinch." *J. C. Collins, mss.*

SCUTELLARIA *minor.* Common on the Quantocks. *J. C. Collins, mss.*

OROBANCHE *elatior.* Plentifully on Brean Down. *J. C. Collins, mss.*

HOTTONIA *palustris.* Common in ditches, in the marshes around Bridgwater. *J. C. Collins, mss.*

ANAGALLIS *arvensis* (cærulea). A weed in a garden at Bridgwater. *J. C. Collins, mss.* In corn-fields at Marshfield, Conkwell, Swainswick, and on Barrow Hill. *Fl. Bath.*

STATICE *Armeria.* Brean Down. *W. C. Trevelyan, sp.* Burnham salt-marsh; Bossington Hill. *J. C. Collins, mss.*

——— *spathulata.* Steep Holmes. *J. C. Collins, mss.*

——— *Limonium.* Abundant in the salt marsh between Highbridge and Burnham, by the river's mouth. *J. C. Collins, mss.*

GLAUX *maritima.*
PLANTAGO *maritima.*
SALSOLA *Kali.*
CHENOPODIUM *maritimum.*
} All plentiful at the mouth of the river Parret, at Burnham and Steart. *J. C. Collins, mss.*

——— *urbicum.* Enmore, common. *J. Poole, mss.*

——— *murale.* Chilton on Polden. *J. Poole, mss.*

J. C. Collins, mss.

ATRIPLEX *laciniata.*
——— *portulacoides.*
BETA *maritima.*
} On the sea-coast, near the mouth of the Parret, Burnham and Steart; Minehead. *J. C. Collins, mss.*

SALICORNIA *herbacea.* Mouths of the rivers Parret and Axe. *J. C. Collins, mss.*

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POLYGONUM *dumetorum*. Among bushes, on a bank, in a hollow through which the Western Railway passes, about one mile from Keynsham towards Bristol. (C. C. Babington, Esq.) *W. A. Bromfield, mss.*

RUMEX *maritimus*. Mouth of the Parret; Steart Marsh. *J. C. Collins, mss.*

——— *pulcher*. Brean Down. *J. Poole, mss.* Near Minehead. *J. C. Collins, mss.* Common on road-sides. *Fl. Bath.*

THESIUM *linophyllum*. Claverton Down. (Mr. John Kitley.) *Add. Fl. Bath.*

EUPHORBIA *platyphylla*. Edington, on Polden. *J. Poole, mss.*

——— *Lathyris*. Apparently indigenous in Warley Wood. *Add. Fl. Bath.*

——— *Paralias*. Sandy coast from Burnham to Brean. *J. C. Collins, mss.*

——— *Peplis*. Sandy coast from Burnham to Brean. *J. C. Collins, mss.*

——— *pilosa*. "In plenty in a lane leading from Prior Park Lodge to Combe Down, and also in a wood to the east of the monument at Prior Park, as it appears to me, truly wild; kindly pointed out to me by the discoverers, Mr. E. Simms and Dr. Heneage Gibbes." *Fl. Bath.* (This is the E. Epithymoides of Flora Bathonensis, as I am told by the Author, to whom I am indebted for a specimen, and who further adds, that the Sussex plant is to be referred to E. coralloides, not to the present species. *H. W.*)

BUXUS *sempervirens*. Quantock Hills. (Mr. Clark.) *J. C. Collins, mss.*

ULMUS *glabra*. Common in the hedges in West Somerset. *J. C. Collins, mss.*

——— *suberosa*. Common in the hedges in West Somerset. *J. C. Collins, mss.*

QUERCUS *sessiliflora*. Halse, near Taunton. *R. C. Alexander, mss.*

HYDROCHARIS *Morsus-ranæ*. Common in the ditches, in the moors around Bridgwater. *J. C. Collins, mss.*

TRIGLOCHIN *maritimum*. In wet places, among the sand-hills, Burnham. *J. C. Collins, mss.*

ORCHIS *pyramidalis*. Common in all the lias district. *J. C. Collins, mss.*

OPHRYS *apifera*. Abundant among the sand-hills, at Burnham. *J. C. Collins, mss.*

NEOTTIA *spiralis*. Pastures at Enmore and Goathurst, not uncommon. *J. Poole, mss.* At Steart; between Pensford and Whitley. (Mr. Clark.) *J. C. Collins, mss.*

EPIPACTIS *rubra*. One specimen, and only one, I discovered near Hawkridge Water, on the Quantocks. *J. C. Collins, mss.*

NARCISSUS *biflorus*. Meadow at Cannington, near Bridgwater. *J. C. Collins, mss.*

GALANTHUS *nivalis*. Along the course of Durleigh Brook; banks at Spaxton. *J. C. Collins, mss.*

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CONVALLARIA *majalis*. Leigh Woods. *J. C. Collins, mss.* Barn Wood, near the Rocks. (Miss Lonsdale.) *Add. Fl. Bath.*

——— *multiflora*. With C. majalis. *Add. Fl. Bath.*

GAGEA *lutea*. (Mr Pamplin suggests that Wincanton may be intended as the locality of this species. Probably such may be the correct reading, but it is printed "Winstaunton" by Turner and Dillwyn, who refer to Merrett. I am not aware of any place bearing this latter name. *H. W.* — Page 37.)

ALLIUM *oleraceum*. Middlezoy. *J. C. Collins, mss.*

ASPARAGUS *officinalis*. Sand banks at Steart and Burnham, from three to five feet high when in blossom. (Mr. Clark.) *J. C. Collins, mss.*

FRITILLARIA *Meleagris*. Compton Martin, on the Mendips. *J. C. Collins, mss.*

TYPHA *angustifolia*. Ditches at Burnham and Wembdon, not uncommon. *J. C. Collins, mss*

ACORUS *Calamus*. Plentifully in King's Sedgemoor. *J. C. Collins, mss.* Supposed to have been introduced at Bath, by Mr. Sole. *C. C. Babington, mss.*

POTAMOGETON *rufescens*. Wembdon. *J. C. Collins, mss.*

RUPPIA *maritima*. Salt marsh at the base of Brean Down. *J. C. Collins, mss.*

ZOSTERA *marina*. Burnham. *J. Poole, mss.*

LUZULA *Forsteri*. Woods and copses, east of Quantock. *J. C. Collins, mss.*

JUNCUS *maritimus*. Mouth of the Parret, in ditches; not unfrequent near the channel. *J. C. Collins, mss.*

——— *acutus*. Shurton Bars. *J. C. Collins, mss.*

CYPERUS *longus*. (Refer to "B. G." — Page 37.)

SCIRPUS *maritimus*. Plentifully in ditches overflowed by the Parret; near Westonzoyland; near Bridgwater and Middlezoy; salt marsh, Brean Down. *J. C. Collins, mss.*

CAREX *arenaria*. Steart, at the mouth of the Parret. *J. Poole, mss.*

——— *divulsa*. Enmore. *J. Poole, mss.*

——— *axillaris*. In a bog between Wraxhall and the Horse and Jockey. *Add. Fl. Bath.*

——— *Pseudo-Cyperus*. With C. axillaris. *Add. Fl. Bath.* Old brick-yard, near Goathurst. *J. Poole, mss.*

ALOPECURUS *agrestis*. Common in the neighbourhood of the Quantocks. *J. C. Collins, mss.*

AMMOPHILA *arundinacea*. Abundant at Burnham and Steart, and on the sandy coast. *J. C. Collins, mss.*

AGROSTIS *setacea*. On the Quantocks, reaching to the highest peak. *A. Southby. mss.*

POA *maritima*. Brean Down, and on the sandy coast. *J. C. Collins, mss.*

——— *aquatica*. In the canal and river. *Fl. Bath.* By the mail-road, between Bristol and Taunton, in several places *H. W. sp.*

AVENA *fatua*. Common in corn-fields, near Bridgwater. *J. C. Collins, mss.*

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ELYMUS *arenarius*.
HORDEUM *maritimum*.
TRITICUM *loliaceum*.
——— *junceum*.
ROTTBOLLIA *incurvata*.
} All found at Burnham, Berrow, and Steart. *J. C. Collins, mss.*

IV. DORSET.

HELLEBORUS *viridis*. Near Fifehead Neville. *W. C. Trevelyan, sp.*

ULEX *nanus*. In profusion between Poole and Christchurch. *W. A. Bromfield, mss.*

TRIFOLIUM *resupinatum*. Shores of Poole Harbour (Eng. Bot. Supp.); but I did not find it. *W. A. Bromfield, mss.*

CENTAUREA *Jacea*? Purbeck. *W. C. Trevelyan, sp.*

CAMPANULA *rapunculoides*. In a copse near Lulworth. (Mr. Curtis.) *W. A. Bromfield, mss.*

CONVOLVULUS *Soldanella*. Erase "*sp.*"— Page 42.)

STATICE *Armeria*. Chesil Bank, near Portland *W. C. Trevelyan, sp.*

CHENOPODIUM *fruticosum*. Chesil Bank, Weymouth. *W. A. Bromfield, sp.*

DAPHNE *Mezereum*. Now apparently almost extirpated in Cranbourne Chace, in various alleged stations on which I sought it unsuccessfully in 1836, though I was shown the identical spots on which it till recently grew. In 1835, some persons dug up all they could find in the neighbourhood of Blandford, as at Langton Copse, Hillwood, &c. *W. A. Bromfield, mss.*

EUPHORBIA *Paralias*. Near the ferry, on the neck of Portland Isle, in plenty. *W. A. Bromfield, mss.* (Erase "*sp.*"— Page 43.)

MERCURIALIS *annua*. Common on waste ground about Poole and Weymouth. *W. A. Bromfield, mss.*

IRIS *fœtidissima*. Abundant by the road-side from Wimborne to Blandford. *Mag. Nat. Hist.* viii.

LEUCOJUM *æstivum*. Near Kingston Hall, close to the turnpike, hard by a stream of water across the road, opposite the Hall. (J. C. Dale, Esq.) *W. A. Bromfield, mss.*

RHYNCOSPORA *fusca*. Near Wareham, 1836. (Mr. Borrer.) *W. A. Bromfield, mss.*

CAREX *extensa*. (Refer to "*Eng. Fl.*" not "*B. G.*"— Page 44.)

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V. WILTS.

CLEMATIS *Vitalba*. Common in the western part of Wilts. *R. C. Alexander, mss.*

TURRITIS *glabra*. In a wood between the Lodge gate of Spye Park and the House. *R. C. Alexander, mss.*

RESEDA *lutea*. Abundant in neglected quarries about North Wraxhall, Castlecombe, and Corsham. *R. C. Alexander, mss.*

SILENE *anglica*. Near the Horse and Jockey, Kingsdown. *C. C. Babington, mss.* (The stations for this, and some other species not repeated here, are mentioned under SOMERSET, as being within the limits of the Flora Bathonensis.)

RHAMNUS *catharticus*. Common in hedges about Corsham. *R. C. Alexander, mss.*

ONONIS *spinosa*. Frequent about Corsham. *R. C. Alexander, mss.*

ASTRAGALUS *glycyphyllus*. Slaughterford, in the lane leading to Biddestone, one plant in 1836. *R. C. Alexander, mss.*

HIPPOCREPIS *comosa*. Abundant on stony ground; Box; Corsham. *R. C. Alexander, mss.*

ONOBRYCHIS *sativa*. Not unfrequent in the same localities. *R. C. Alexander, mss.* (Some localities *as the preceding?*)

VICIA *angustifolia*. Near the Mill, Spye Park; Corsham Park. *R. C. Alexander, mss.*

PYRUS *Aria*. Middle Pickwick, near Corsham. *R. C. Alexander, mss.*

BRYONIA *dioica*. Very common in the west of Wilts. *R. C. Alexander, mss.*

COTYLEDON *umbilicus*. Biddestone, Easton; Monckton Farley, *R. C. Alexander, mss.*

SEDUM *sexangulare*. (Refer to "*Eng. Fl.*" instead of "*B. G.*" The locality is mentioned in both works, but it is copied in the words of the English Flora. — Page 45.)

SISON *Amomum*. Atworth; Corsham; Biddestone. *R. C. Alexander, mss.*

CARUM *Carui*. Meadows at Christian Malford. *J. Poole, mss.*

SILAUS *pratensis*. In most of the meadows about Corsham. *R. C. Alexander, mss.*

PASTINACA *sativa*. Frequent about Box, Hartham, Pickwick, and along the road-side on the hilly ground near the Monument, between Devizes and Pewsey. *R. C. Alexander, mss.*

VIBURNUM *Lantana*. Abundant about the west of Wilts. *R. C. Alexander, mss.*

VISCUM *album*. Box; in an orchard at Notton House; near Chippenham. *R. C. Alexander, mss.*

ASPERULA *cynanchica*. On hilly ground that has been quarried; Slaughterford; Box; Lucknam.

FEDIA *dentata*. Slaughterford. *R. C. Alexander, mss.*

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PRENANTHES *muralis*. Box Quarries; Colerne. *R. C. Alexander, mss.*

HIERACIUM *sylvaticum*. Box Quarries; among the fir-trees at the top of Bowden Hill. *R. C. Alexander, mss.*

——— *umbellatum*. Bowden Hill, on the heathy ground crossing to Nash Hill. *R. C. Alexander, mss.*

CNICUS *eriophorus*. Box Quarries; Wadswick; Bide Vale. *R. C. Alexander, mss.*

——— *pratensis*. In the brick-field opposite the inn at * *, near Devizes. *R. C. Alexander, mss.*

——— *tuberosus*. (Refer to "*Eng. Bot.*" not "B. G."—Page 45.)

——— *acaulis*. Common in Wilts. *R. C. Alexander, mss.*

CONYZA *squarrosa*. By the road-side between Corsham and Lacock, and about Colerne, abundantly. *R. C. Alexander, mss.*

ERIGERON *acris*. About quarried ground, Corsham. *R. C. Alexander, mss.*

CAMPANULA *Trachelium*. Corsham and Colerne, abundant. *R. C. Alexander, mss.*

——— *glomerata*. In dry fields about Corsham, and on all the chalk downs about Pewsey, abundant. *R. C. Alexander, mss.*

——— *hybrida*. Between Biddestone and Slaughterford. *R. C. Alexander, mss.*

POLEMONIUM *cæruleum*. In the water-meadows between Pewsey and Manning ford, among the reeds. *R. C. Alexander, mss.*

VERBASCUM *nigrum*. North Wraxhall, by the road-side going from Chippenham to Marshfield, and in the village, abundant. *R. C. Alexander, mss.*

ATROPA *Belladonna*. Cloud quar (?) at Slaughterford. *B. C. Alexander, mss.*

SOLANUM *nigrum*. Frequent in gardens, Corsham. *R. C. Alexander, mss.*

LINARIA *spuria*. Growing with L. Elatine, very abundantly in the ploughed field above Cloud quar, Slaughterford. *R. C. Alexander, mss.*

LYCOPUS *europæus*. In a swampy mill-pond at Ford, near Castlecombe; Chippenham, on the London road. *R. C. Alexander, mss.*

MENTHA *rotundifolia*. Slaughterford, in the lane leading to Biddestone. *R. C. Alexander, mss.*

——— *Pulegium*. By the brook, Ford. *R. C. Alexander, mss.*

GALEOBDOLON *luteum*. Frequent in woods, Corsham. *R. C. Alexander, mss.*

GALEOPSIS *Ladanum*. North Wraxhall; Bradford; Slaughterford; Pewsey. *R. C. Alexander, mss.*

ACINOS *vulgaris*. About Widnam Mill, near Corsham; Box quarries; Neston Park; North Wraxhall; a white variety on the top of Oar Hill, between Pewsey and Marlborough. *R. C. Alexander, mss.*

CALAMINTHA *officinalis*. Cloud quar, Slaughterford. *R. C. Alexander, mss.*

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CALAMINTHA *Nepeta*. On the wall opposite Lacock Abbey. *R. C. Alexander, mss.*

LATHRÆA *squamaria*. At the root of a rotten tree in Collett's Bottom, near Corsham. *R. C. Alexander, mss.*

OROBANCHE *minor*. Frequent in old clover-fields. *R. C. Alexander, mss.*

PRIMULA *elatior*. Woods at Collett's Bottom. *R. C. Alexander, mss.*

ANAGALLIS *arvensis* (cærulea). Hartham and Puckeridge, near Corsham. *R. C. Alexander, mss.*

EUPHORBIA *Lathyris*. A weed in gardens, Corsham. *R. C. Alexander, mss.*

——— *amygdaloides*. Collett's Bottom, near Corsham. *R. C. Alexander, mss.*

SAGITTARIA *sagittifolia*. Near the bridge, Lacock Abbey. *R. C. Alexander, mss.*

OPHRYS *apifera*. Middlehill, near Box; Corsham. *R. C. Alexander, mss.*

TAMUS *communis*. Common in the west of Wilts. *R. C. Alexander, mss.*

CONVALLARIA *majalis*. Collett's Bottom Woods. *R. C. Alexander, mss.*

——— *multiflora*. "Same woods" [as the preceding?]; and in woods at Spye Park. *R. C. Alexander, mss.*

ORNITHOGALUM *umbellatum*. In the first meadow behind Gould's tan-yard; and, formerly, in Dove-house close, Corsham. *R. C. Alexander, mss.*

——— *pyrenaicum*. Very common in woods, Corsham. *R. C. Alexander, mss.*

COLCHICUM *autumnale*. About the north-west of Wilts, abundant. *R. C. Alexander, mss.*

CYPERUS *longus*. In 1829, Mr. Peete found about a quarter of an acre of Cyperus longus, within a quarter of a mile of Boyton House. *W. Pamplin, mss.*

CAREX *axillaris*. Spye Park. *R. C. Alexander, mss.*

ALOPECURUS *agrestis*.
BROMUS *erectus*.
AVENA *fatua*.
HORDEUM *pratense*.
} Common about Corsham. *R. C. Alexander, mss.*

VI. HANTS.

RANUNCULUS *parviflorus*. Gadshill, Isle of Wight; very abundant on hedge banks and waste places about Southampton, as in Love Lane, Portswood, shore between Southampton and Netley, &c. *W. A. Bromfield, sp.*

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GLAUCIUM *luteum*. Shore between Southampton and Netley; Southsea beach; Stokesbay, &c. *W. A. Bromfield, mss.*

CORYDALIS *claviculata*. Extremely common about Southampton; at Westwood, near Netley, it covers the ground in some parts like a mat. *W. A. Bromfield, mss.*

CAKILE *maritima*. Sandown Bay, Isle of Wight. *E. Lees, mss.*

TEESDALIA *nudicaulis*. Abundant on the sandy heaths about Liphook, Selborne, Kingsley, &c. *W. Pamplin, mss.*

LEPIDIUM *ruderale*. A single specimen found near Southampton. *W. A. Bromfield, mss.*

——— *Smithii*. Common about Southampton. *W. A. Bromfield, sp.*

COCHLEARIA *officinalis*. By the side of Southampton Water, about a mile from the town. *J. E. Leefe, mss.*

——— *anglica*. Muddy shore at Northam Bridge, Southampton, *W. A. Bromfield, mss.*

TURRITIS *glabra*. Sparingly near Froxfield; also sparingly near Old Alresford. *W. Pamplin, mss.*

HESPERIS *matronalis*. In the hedge of a private lane belonging to a farm-house nearly opposite to the Fox at Bramdean; near the farm-yard of White Wool, West Meon; hedge bank at Selborne. *W. Pamplin, mss.*

SINAPIS *tenuifolia*. Old town walls of Southampton, abundantly. *W. A. Bromfield, mss.*

MATTHIOLA *incana*. Cliffs between Steephill Cove and Ventnor Cove, Isle of Wight. *Comp.*

RESEDA *fruticulosa*. Sought unsuccessfully on the shores of Stokesbay. *W. A. Bromfield, mss.*

VIOLA *lactea*. New Forest, near Baldre. *W. A. Bromfield, sp.* (The leaves are cordate, and the plant altogether looks like a pale-flowered variety of V. canina. *H. W.*)

DROSERA *longifolia*. Plentifully in the New Forest, between Tatchbury, near Redbridge, and ———? ; in the bogs between Oakhanger and Kingsley, near Selborne. *W. Pamplin, mss.* Petersfield Heath. *W. A. Bromfield, mss.*

SILENE *maritima*. Shore at Portsea. *E. Lees, mss.*

ARENARIA *peploides*. Shore at Portsea. *E. Lees, mss.*

——— *marina*. Near Southampton. *J. E. Leefe, mss.*

MŒNCHIA *erecta*. Abundant on sandy commons. *W. Pamplin, mss.*

CERASTIUM *arvense*. Abboston Downs, and elsewhere. *W. Pamplin, mss.*

LINUM *angustifolium*. About Cowes, Ryde, &c. *W. A. Bromfield, mss.*

HYPERICUM *Androsæmum*. Westwood; hedges about Southampton. *W. A. Bromfield, mss.*

HYPERICUM *elodes*. Petersfield Heath. *W. A. Bromfield, mss.* Bogs between Oakhanger and Kingsley. *W. Pamplin, mss.* (Erase "*sp.*" — Page 47.)

ERODIUM *maritimum*. Cliffs near Freshwater. *E. Lees, mss.*

RHAMNUS *Frangula*. Westwood, &c., Southampton. *W. A. Bromfield, mss.*

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RHAMNUS *catharticus*. A hedge of this shrub, just out of St. Mary's churchyard towards Richardson's coal-yard, Southampton; swampy wood near the Itchen, above Mansbridge, along with R. Frangula. *W. A. Bromfield, mss.*

ULEX *nanus*. Southampton Common, &c. *W. A. Bromfield, mss.*

TRIFOLIUM *ornithopodioides*. Shore of Fisher's Pond, near Owlesbury; also on the commons near Kingsley. *W. Pamplin, mss.*

——— *subterraneum*. Very common in dry pastures about Southampton, as between that town and Netley, on the shore. *W. A. Bromfield, mss.*

PYRUS *domestica*. (This does not grow in the Isle of Wight; P. torminalis having been so misnamed. *W. A. Bromfield.*)

——— *torminalis*. Westwood, near Netley, common; at Binstead, Isle of Wight, a remarkably fine tree of it. *W. A. Bromfield, mss.*

RIBES *rubrum*. Near Selborne Priory. *W. A. Bromfield, mss.*

APIUM *graveolens*. Marchwood. *W. A. Bromfield, mss.*

PETROSELINUM *segetum*. In one of the little planted inclosures, near the beach, between Southampton and Netley; near Ryde. *W. A. Bromfield, sp.*

SISON *Amomum*. Common about Ryde. *W. A. Bromfield, sp.*

BUPLEURUM *rotundifolium*. Corn-fields at Titchborne and Owlesbury. *W. Pamplin, mss.*

SILAUS *pratensis*. Woods at Cowes and Ryde. *W. A. Bromfield, sp.*

CRITHMUM *maritimum*. Abundant on the cliffs at Freshwater. *E. Lees, mss.*

DAUCUS *maritimus*. Freshwater (Rev. G. E. Smith); Undercliff. *W. A. Bromfield, mss.*

ERYNGIUM *maritimum*. Portsea. *E. Lees, mss.*

ASPERULA *cynanchica*. In one spot on Southampton Common. *W. A. Bromfield, mss.*

DIPSACUS *pilosus*. In the woods between Selborne and Oakhanger, as recorded by White. *W. Pamplin, mss.*

TRAGOPOGON *porrifolius*. Meadows near Odiham Church, plentifully. (Mr. J. Nash.) *W. Pamplin, mss.* On the shore, at the back of a house at Hythe, abundant, doubtless the outcast of a garden. *W. A. Bromfield, mss.*

LACTUCA *virosa*. Among bushes on the shore between Southampton and Netley; and other places about Southampton. *W. A. Bromfield, mss.*

CNICUS *pratensis*. Common about Southampton; in very dry places on Southampton Common, among the furze; abundant in a moist meadow near Netley Abbey. *W. A. Bromfield, mss.* (Is "Setley" a misprint for "Netley" in Turner and Dillwyn's Guide, and copied on page 48 of this work?)

——— *acaulis*. Frequent on the Downs. *W. Pamplin, mss.*

ARTEMISIA *maritima*. Salt marshes near Millbrook; below Northam Bridge. *W. A. Bromfield, mss.*

CONYZA *squarrosa*. Downs near Freshwater. *E. Lees, mss.*

LIMBARDA *crithmoides*. Near the river at East Cowes. (S. Hailstone, Esq.) *W. A. Bromfield, mss.*

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PULICARIA *vulgaris*. In a plashy spot at Marchwood. *W. A. Bromfield, mss.*

CENTAUREA *Jacea*? Hursley. *W. C. Trevelyan, sp.* Common in the Isle of Wight, as at Ventnor, Carisbrooke, &c.; at Mansbridge near Southampton. *W. A. Bromfield, mss.* (This appears to be the C. Jacea of English botanists, and the C. nigrescens of Wildenow. It is the plant mentioned on page 48 of this work, under the name of C. nigra.)

CAMPANULA *patula*. Plentifully on a gravelly bank near to Bramshot village, in a lane leading thence towards Hinhead Heath, in 1835. (Miss Frances Pamplin.) *W. Pamplin, mss.*

——— *glomerata*. On the chalk about Old Alresford. *W. Pamplin, mss.*

——— *hybrida*. Corn-fields about Alresford, &c. *W. Pamplin, mss.*

PHYTEUMA *orbiculare*. On the chalk about Old Alresford. *W. Pamplin, mss.*

MONOTROPA *Hypopitys*. Near Avington, between Winchester and Alresford; Selborne Hanger, as recorded by White. *W. Pamplin, mss.*

CHLORA *perfoliata*. In a wood to the west of Cowes. *J. E. Leefe, mss.*

CONVOLVULUS *Soldanella*. Sandy shore at Portsea. *E. Lees, mss.*

PULMONARIA *angustifolia*. Common on the New Forest about Lymington; in borders of fields and hedges around Boldre Bridge; "with every gradation of breadth and narrowness in the leaves, and equally variable in the presence or absence of spots on them." *W. A. Bromfield, mss.*

——— *officinalis*. Exbury wood. *B. G.* (It would seem, from the remarks of Dr. Bromfield, that the present ought to be joined with the preceding species.)

VERBASCUM *pulverulentum*. About Old Alresford, but not common. *W. Pamplin, mss.*

ATROPA *Belladonna*. For some distance along the shore between Southampton and Netley, within, and close under, the paling, beginning about a hundred yards from the new Steam Ferry over the Itchen; also on a bank to the left of the last stile, in going to Netley by the shore. *W. A. Bromfield, mss.*

SOLANUM *nigrum*. Common about Southampton. *W. A. Bromfield, mss.*

LINARIA *spuria*. In a corn-field between Twyford and Compton, near Winchester. *W. A. Bromfield, mss.*

——— *Elatine*. With L, spuria. *W. A. Bromfield, mss.*

——— *repens*. Stokesbay; Southampton, near Marchwood (W. Borrer, Esq.); a little out of West Cowes, in a hedge on the left going to Newport. *W. A. Bromfield, mss.* At the top of the hill near Cowes. *J. E. Leefe, mss.*

MELAMPYRUM *arvense*. Abundant in corn-fields above St. Lawrence Undercliff, Isle of Wight; also near Niton. *W. A. Bromfield, sp.*

MENTHA *rotundifolia*. Below Petersfield; near Selborne; near the

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mill between Bishop's Sutton and Old Alresford. (Mr Forder.) *W. Pamplin, mss.*

GALEOPSIS *Ladanum.* Beach between Southampton and Netley. *W. A. Bromfield, mss.*

GALEOBDOLON *luteum.* Here and there about Southampton. *W. A. Bromfield, mss.*

MELITTIS *Melissophyllum* (grandiflora). Westwood, Netley Abbey. *W. A. Bromfield, mss.*

SCUTELLARIA *minor.* Bog on Petersfield Heath. *W. A. Bromfield, mss.*

PRIMULA *elatior.* White Wool Farm near West Meon; also in woods near Froxfield. *W. Pamplin, mss.*

STATICE *Armeria.* Cliffs at Freshwater. *E. Lees, mss.*

——— *Limonium.* On the rocks at Scratchell's Bay, near the Needles. *E. Lees, mss.*

GLAUX *maritima.* Sandown Bay, Isle of Wight. *E. Lees, mss.*

PLANTAGO *maritima.* Scratchell's Bay. *E. Lees, mss.*

SALSOLA *Kali.* Sandown Bay, shore at Portsea. *E. Lees, mss.*

CHENOPODIUM *maritimum.* Shore at Portsea. *E. Lees, mss.*

ATRIPLEX *portulacoides.* Salt marshes. *W. A. Bromfield, mss.*

——— *littoralis.* Shore between Southampton and Netley, abundant. *W. A. Bromfield, mss.*

POLYGONUM *maritimum.* At Christchurch, on the sandy shore near Muddiford. (Mr. Borrer.) *C. C. Babington, mss.*

DAPHNE *Mezereum.* In the beech woods between West Meon and Bramdean, quite wild and not sparingly. (Mrs. Winkworth Moody.) *W. Pamplin, mss.*

EUPHORBIA *portlandica.* Gosport. *W. A. Bromfield, sp.*

MERCURIALIS *annua.* Southampton, *W. A. Bromfield, mss.*

TRIGLOCHIN *maritimum.* Muddy shores of the Itchen river. *W. A. Bromfield, mss.*

OPHRYS *apifera.* Culver Cliff. *C. C. Babington, mss.*

EPIPACTIS *grandiflora.* Woods at the Grange near Ringwood. (Mr. Ingram.) *W. A. Bromfield, mss.*

IRIS *fœtida.* Netley Abbey; not common about Southampton. *W. A. Bromfield, mss.* Plentiful between Cowes and Freshwater. *E. Lees, mss.* Common in the Isle of Wight. *B. G.*

CONVALLARIA *multiflora.* Abundant in Westwood, near Netley Abbey; in a wood, by the side of the Itchen, about half a mile above Mansbridge. *W. A. Bromfield, mss.*

RUSCUS *aculeatus.* Not uncommon about Southampton. *W. A. Bromfield, mss.*

NARCISSUS *biflorus.* In several meadows about Hensting and Owlesbury, apparently wild; also about West Meon (Mr. Earwaker). *W. Pamplin, mss.*

ZOSTERA *marina.* In large quantity, in Southampton Water, near Hythe, impeding the boats in shallow places. *W. A. Bromfield, mss.*

SCIRPUS *Savii.* Knowle, Isle of Wight. *Comp.*

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CAREX *arenaria*. Sandy shore at Portsdown. *E. Lees, mss.*

GASTRIDIUM *lendigerum*. In a fallow field, about a mile from Ryde, on the road to Steephill, in great plenty. *W. A. Bromfield, sp.*

CALAMAGROSTIS *lanceolata*. Marchwood. (Mr. Borrer.) *W. A. Bromfield, mss.*

——— *Epigejos*. In great plenty at the edge of Shore Copse, near Ryde; in Whitefield Wood; between Ryde and Brading; seems to be common about Ryde. *W. A. Bromfield, mss.*

AGROSTIS *setacea*. Southampton Common; the staple grass on the heaths about Southampton. *W. A. Bromfield, sp.*

BRIZA *minor*. Quarr Abbey; an abundant weed in many corn-fields at Marchwood, perhaps introduced with the grain. *W. A. Bromfield, sp.*

POA *aquatica*. Near Southampton. *W. A. Bromfield, mss.*

—— *maritima*. Near Southampton. *J. E. Leefe, mss.*

HORDEUM *maritimum*. By the road-side from C * * * (?) towards Marchwood. *W. A. Bromfield, mss.*

SPARTINA *stricta*. Muddy shores of the Itchen river near its junction with Southampton Water. *W. A. Bromfield, sp.* (Dr. Bromfield does not find it between Southampton and Millbrook.)

——— *polystachya*. Much more abundant than the last, covering a vast tract of mud above the Itchen ferry, especially about the Belvidere ship-yard, and on the opposite side near Itchen village; also with S. stricta, below the ferry. *W. A. Bromfield, sp.* by whom it was first discovered, in 1836.

VII. SUSSEX.

GLAUCIUM *luteum*. On the shore to the west of Brighton in the greatest profusion. *W. A. Bromfield, mss.*

CARDAMINE *amara*. Marsh at Brambletye Place, near East Grinstead. *W. H. Coleman, mss.*

VIOLA *flavicornis*. Ashdown Forest. *W. H. Coleman, mss.*

DROSERA *longifolia*. Bogs on Ashdown Forest. *W. H. Coleman, mss.*

ELATINE *hexandra*. Sussex. *W. H. Coleman, mss.*

MŒNCHIA *erecta*. Ashdown Forest. *W. H. Coleman, mss.*

SPERGULA *subulata*. On Ashdown Forest, in a warren east of the quarry above Kidbrook Park. *W. H. Coleman, mss.*

RADIOLA *millegrana*. Ashdown Forest. *W. H. Coleman, mss.*

ALTHÆA *officinalis*. In profusion in the fen ditches bordering the roads along the marshes between Hastings and Hythe, especially about Brooklands, Rye, &c. *W. A. Bromfield, mss.*

HYPERICUM *Androsæmum*. Frequent on hedge banks and in woods, near East Grinstead. *W. H. Coleman, mss.*

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HYPERICUM *elodes*. Bog on Waldron Down, six miles from Uckfield, with Sibthorpia. *W. A. Bromfield, sp.* Ashdown Forest; Gargle Wood, &c., E. Grinstead. *W. H. Coleman, mss.*

GENISTA *pilosa*. Sussex, in St. Leonard's Forest, I believe, gathered by Mr. Borrer in 1836. *W. A. Bromfield, mss.*

ULEX *nanus*. Ashdown Forest, &c. *W. H. Coleman, mss.*

MEDICAGO *denticulata*. Shoreham. *C. C. Babington, sp.* On a shingle bank, close to the river at Shoreham, on the opposite side from the town. *Mag. Nat. Hist.*

TRIFOLIUM *stellatum*. On the same bank with Medicago denticulata, at Shoreham. *Mag. Nat. Hist.*

——— *suffocatum*. (Add the reference to "*Bot. Sus.*"—Page 54.)

LOTUS *augustissimus*. (During a residence of five years here, Dr. Bromfield has not found this species on the Castle Hill.)

VICIA *lutea*. On the same bank with Medicago denticulata, at Shoreham. *Mag. Nat. Hist.*

——— *angustifolia*. Standen Rocks, E. Grinstead. *W. H. Coleman, mss.*

LATHYRUS *Nissolia*. In a young fir plantation between Mill Place and West Hoathley; above Standen Rocks; and by the lane between Busses and Walesbeech Farms, near East Grinstead. *W. H. Coleman, mss.*

PRUNUS *domestica*. (Refer to "*Smith, cat.*" instead of "*Bot. Sus.*"—Page 54.)

FRAGARIA *elatior*. Copse on the hill-side near East Marden. (Rev. G. E. Smith.) *W. A. Bromfield, mss.*

ROSA *tomentosa*. Common in hedges near E. Grinstead. *W. H. Coleman, mss.*

——— *inodora*. Hedges west of Fenland Ponds, E. Grinstead. *W. H. Coleman, mss.*

——— *micrantha*. Frequent in hedges near E. Grinstead. *W. H. Coleman, sp.*

——— *systyla*. In the lane through the shaws between Bellman's Town and Ridge Hill Farms, near E. Grinstead. *W. H. Coleman, sp.*

MESPILUS *germanica*. Two or three trees, apparently wild, in Ore Lane, Hastings, on the right, just before coming to the descent near Dr. Fearon's house; woods at the Old Road, Hastings; hedges at the back of St. Leonard's, between Catfield and Ninfield. *W. A. Bromfield, mss.*

EPILOBIUM *roseum*. In the bed of the brook, near Brambletye Place, E. Grinstead. *W. H. Coleman, sp.*

CALLITRICHE *pedunculata*. St. Leonard's Forest, one of the original stations, pointed out to me by Mr. Borrer. *C. C. Babington, sp.*

RIBES *rubrum*. Apparently wild in many moist spots about Hastings; stream-side at the Hop-grounds; Dell at the Fish-ponds, &c. *W. A. Bromfield, sp.*

SISON *Amomum*. About Hastings, as at the Old Road, &c. *W. A. Bromfield, mss.* E. Grinstead. *W. H. Coleman, mss.*

BUPLEURUM *tenuissimum*. Selsea. (Rev. G. E. Smith.) *W. A. Bromfield, mss.* Dr. Bromfield does not find it near Hastings.

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ŒNANTHE *peucedanifolia*? In the marshes near Bulverhithe, I find a plant agreeing well with Pollich's description and plate of Œ. peucedanifolia, but which wants the tubers or granular masses at the root; root leaves linear, and general involucre wanting. *Dr. Bromfield.* (I have specimens, without roots, received from different parts of Britain, showing several intermediate steps between Œ. peucedanifolia and Œ. pimpinelloides. *H. W.*)

——— *Phellandrium.* Fenland Ponds, E. Grinstead. *W. H. Coleman, mss.*

FŒNICULUM *vulgare.* About Winchelsea and Rye. *W. A. Bromfield, mss.*

SILAUS *pratensis.* E. Grinstead. *W. H. Coleman, mss.*

DAUCUS *maritimus.* Shore near Hastings. *W. A. Bromfield, mss.*

TORILIS *infesta.* A pest in corn-fields, Hastings. *W. A. Bromfield, mss.* E. Grinstead. *W. H. Coleman, mss.*

SMYRNIUM *Olusatrum.* Till very lately abundant at Hastings, and still not uncommon, though rendered less plentiful by recent building; brow of the hill, near the Windmills, on the bank by the road-side; by the Harpsichord House. *W. A. Bromfield, mss.*

ERYNGIUM *maritimum.* Shore at Little Hampton. (Mr. Pamplin, senior.) *W. Pamplin, mss.*

FEDIA *Auricula.* Growing with the ordinary F. dentata of British botanists, in various places amongst corn, around Hastings, and in profusion in an old clover-field, near Valebrook Farm, a short mile from that town. *Mag. Nat. Hist.* ix. 85. On the north side of the brook that runs through the hop-grounds, Hastings. *W. A. Bromfield, mss.*

GALIUM *tricorne.* On the top of the cliff to the westward of St. Leonard's, in a corn-field. (Dr. W. Harwood.) *W. A. Bromfield, mss.* (Does Mr. Winch's locality of "Arkesdene" intend Arkesdon, in Essex?)

HIERACIUM *maculatum.* Wood between Tickeridge Farm and Sidlesfield Common; and by the road from Hareley Farm to Turner's Hill, E. Grinstead. *W. H. Coleman, mss.*

CNICUS *Forsteri.* In the Gargle Wood, and an adjoining pasture called the Gargle West Field, on the farm of Mays, three miles south of E. Grinstead. *W. H. Coleman, mss.*

——— *pratensis.* In a wood near Fenland Ponds, and from thence along the brook to Brambletye; Imberhorne Wood; Gargle Wood and Field; elsewhere near E. Grinstead: wood above the pond, Horstead Keynes. *W. H. Coleman, mss.*

——— *acaulis.* Newhaven. *Mag. Nat. Hist.* viii.

ANTHEMIS *nobilis.* Ashdown Forest; Sidlesfield Common; E. Grinstead Common. *W. H. Coleman, mss.*

CAMPANULA *hederacea.* Bog on Waldron Down. *W. A. Bromfield, sp.* Plaw and Gargle Woods, E. Grinstead; wood above the pond, Horstead Keynes; Ashdown Forest. *W. H. Coleman, sp.*

PYROLA *secunda.* Sussex. (Mr. Borrer.) *W. A. Bromfield, mss.*

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(I should fear some misapprehension respecting this plant being found in Sussex. It has hitherto been regarded as exclusively a Highland or mountain plant. *H. W.*)

VACCINIUM *Oxycoccus.* Bogs in Hindlip Warren, Ashdown Forest. *W. H. Coleman, mss.*

CHLORA *perfoliata.* In great abundance on the steep chalky banks facing the sea, below the Holywell public-house, near Eastbourne. *W. A. Bromfield, sp.*

VILLARSIA *nymphæoides.* Lewes Level. *W. A. Bromfield, sp.*

MYOSOTIS *repens.* Sussex. *C. C. Babington, mss.*

LINARIA *spuria.* Near Newhaven. *W. C. Trevelyan, sp.* Plentiful in corn-fields at Eastbourne. *W. A. Bromfield, sp.*

——— *Elatine.* Corn-fields at Eastbourne; Hastings. *W. A. Bromfield, mss.* E. Grinstead. *W. H. Coleman, mss.*

LIMOSELLA *aquatica.* (Read "Storrington."—Page 59.)

SIBTHORPIA *europæa.* Bog on Waldron Down, six miles from Uckfield. *W. A. Bromfield, sp.*

GALEOBDOLON *luteum.* Ore Lane, and Fish-pond Dell, Hastings; a common plant about that town. *W. A. Bromfield, mss.*

GALEOPSIS *Ladanum.* On the shingle at Eastbourne, in abundance. *W. A. Bromfield, mss.*

——— *versicolor.* Not uncommon in hedges near E. Grinstead. *W. H. Coleman, mss.*

SCUTELLARIA *minor.* Boss on Ashdown Forest; Gargle Wood, near E. Grinstead; Chiddingly Wood, near West Hoathly. *W. H. Coleman, mss.*

HOTTONIA *palustris.* Ditches on Pevensey Level, in many places. *W. A. Bromfield, mss.*

CENTUNCULUS *minimus.* Ashdown Forest. *W. H. Coleman, mss.* Harefield Common. *C. C. Babington, mss.*

LITTORELLA *lacustris.* Fenland and Furnace Ponds, near East Grinstead; in the pond, Horstead Keynes. *W. H. Coleman, mss.*

CHENOPODIUM *olidum.* At the foot of the houses in Caroline Place, Hastings. *W. A. Bromfield, sp.*

RUMEX *pratensis.* Marshes of the Adur, near Henfield; also on the Arun, at Amberley. *Eng. Bot. Supp.*

EUPHORBIA *coralloides.* In hedges adjoining the parsonage at Slinfold, especially abundant on the inner, or field side of a hedge, forming one side of a lane leading from the Village into the fields. *W. A. Bromfield, mss.* (This is the E. pilosa of vol. i., and of the British Flora, which Mr. Babington states to be the E. coralloides of Linnæus.)

——— *platyphylla.* Not uncommon in corn-fields about Hastings. *W. A. Bromfield, mss.* In an old clover-field near Valebrook Farm, a short mile from Hastings. *Mag. Nat. Hist.* ix. Not uncommon in clayey corn-fields near East Grinstead. *W. H. Coleman, mss.*

——— *amygdaloides.* Hastings, abundant. *W. A. Bromfield, mss.*

MERCURIALIS *annua.* Uncommon about Hastings. *W. A. Bromfield, mss.*

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HYDROCHARIS *Morsus-ranæ*. Lewes Level. *W. A. Bromfield, sp.*
HABENARIA *chlorantha*. Common in Sussex. *Comp.*
TRIGLOCHIN *maritimum*. (Refer to "*Smith, cat.*" instead of "*Bot. Sus.*"—Page 61.)
IRIS *fœtidissima*. (Read "Hastings; common."—Page 62.)
NARCISSUS *biflorus*. In the Park, and elsewhere, at Saint Hill, E. Grinstead. *W. H. Coleman, mss.*
——— *Pseudo-Narcissus*. Near Hastings. *W. A. Bromfield, sp.*
ORNITHOGALUM *pyrenaicum*. (Read "Chichester Southgate."—Page 62.)
RUSCUS *aculeatus*. Abundant about Hastings. *W. A. Bromfield, mss.*
POTAMOGETON *acutifolius*. Sussex. *Hooker, sp.*
——— *oblongus*. Henfield Common. *C. C. Babington, mss.*
LUZULA *Forsteri*. More common than L. pilosa about E. Grinstead. *W. H. Coleman, mss.*
JUNCUS *acutus*. In a bog at Emsworth, near a timber-yard. (Mr. Borrer.) *W. A. Bromfield, mss.*
RHYNCOSPORA *alba*. Waterdown Forest. *W. Pamplin, mss.*
ELEOCHARIS *multicaulis*. Bogs on Ashdown Forest; above the pond, Horstead Keynes. *W. H. Coleman, mss.* Lewis Level. *W. A. Bromfield, mss.*
SCIRPUS *maritimus*. Winchelsea, &c. *W. A. Bromfield, mss.*
ERIOPHORUM *vaginatum*. "I very much doubt whether this plant has been found on Broadwater Common, of late years." *W. Pamplin, mss.*
CAREX *axillaris*. In a green lane and old marl-pit, near the lone barn on the farm of Hazleden, E. Grinstead. *W. H. Coleman, sp.*
——— *strigosa*. In an old marl-pit between Bellman's Town and Crowsfield Farms; pit, in Rocking Hill Wood; in a lane between Hollybush and Walesbeech Farms, E. Grinstead; above the pond in Chiddingly Wood, W. Hoathly. *W. H. Coleman, mss.*
——— *Pseudo-Cyperus*. In a pond by the lane between Busses Farm and the brook, E. Grinstead; pit, a mile from Mill Place, towards W. Hoathly; pond in Chiddingly Wood, W. Hoathly. *W. H. Coleman, mss.*
GASTRIDIUM *lendigerum*. In various wet corn-fields, especially that between Standen Rocks and the Brook, E. Grinstead. *W. H. Coleman, sp.* Hastings. *W. A. Bromfield, sp.*
AGROSTIS *setacea*. Ashdown Forest; in a pasture, called Chart Hill Field, on the farm of Stone, E. Grinstead. *W. H. Coleman, mss.*
POA *distans*. Shoreham. *W. A. Bromfield, mss.*
FESTUCA *rubra* (glauca). On the sands at Shoreham, on the opposite side from the town. *Mag. Nat. Hist.*
——— *bromoides*. Ashdown Forest; not uncommon in dry places near E. Grinstead. *W. H. Coleman, mss.*
SPARTINA *stricta*. Pagham Harbour; West Wittering; and elsewhere by the Chichester Creek. *Bot. Sus.* W. Itchener. (Mr. Borrer.) *W. A. Bromfield, mss.*

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VIII. KENT.

CLEMATIS *Vitalba*. Near Gravesend and Northfleet. *G. E. Dennes, mss.* Frequent in the county. *W. Pamplin, mss.* (Introduce a semicolon after "Very common."—Page 65.)

RANUNCULUS *parviflorus*. (For "Deptford" read "Dartford." *Mr. Pamplin.* It is printed Deptford, by Turner and Dillwyn; but Hudson, the original authority, has it Dartford.—Page 65.)

ADONIS *autumnalis*. In corn-fields between Cobham and Cuxton, near where Salvia pratensis, Althæa hirsuta, and Anagallis cærulea grow. *W. A. Bromfield, sp.* About Northfleet, Cobham, and Farningham. *W. Pamplin, mss.*

PAPAVER *somniferum*. Cultivated ground at Northfleet. *W. Pamplin, mss.*

——— *hybridum*. Corn-fields between Gravesend and Cobham, plentifully. *W. Pamplin, mss.*

GLAUCIUM *luteum*. Dover. *G. E. Dennes, mss.*

VIOLA *flavicornis*. Dartford. *Eng. Bot. Supp.*

CORONOPUS *didyma*. On the walls of Eltham churchyard, with Valeriana calcitrapa. *W. Pamplin, mss.*

CAKILE *maritima*. Sandy shore between Margate and Reculver. *G. E. Dennes, mss.*

CRAMBE *maritima*. Shore near Whitstable, 1824. *W. Pamplin, mss.*

CARDAMINE *amara*. (Read "Riverhead."—Page 66.)

MALCOMIA *maritima*. Under the cliffs about half-way between St. Margaret's Bay and Dover, with Cheiranthus fruticulosus. (Miss Hervey.) *James Macnab, sp.* (Doubtless carried thither from some garden, by the tides.)

SILENE *italica*. (There appears to be a confusion about this plant, which is the S. paradoxa of Smith, rendering it uncertain whether some mistake has not been made, as to its existence at Dover.)

ARENARIA *marina*. Banks of the Thames, a mile beyond Gravesend; Margate Cliffs. *G. E. Dennes, mss.*

——— *tenuifolia*. (For "Deptford" read "Dartford." *Mr. W. Pamplin.*—Page 67.)

CERASTIUM *arvense*. (For "Burnham" read "Barham."—Page 67.)

GERANIUM *robertianum*. With white flowers in the spot recorded for it in Ray's Synopsis; namely, between Eltham and Chiselhurst; I gathered it about 1824. *W. Pamplin, mss.*

HYPERICUM *elodes*. Very abundant about Bromley, Hayes, and Keston. *W. Pamplin, mss*

ASTRAGALUS *glycyphyllus*. Darenth Wood. *W. Pamplin, mss.*

VICIA *angustifolia*. Not uncommon near Tonbridge Wells. *Mag. Nat. Hist.* viii.

——— *bithynica*. Frinsbury, near Rochester; near the tunnel at Hoo,

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about three miles further along the river, in copses. (Mr. Borrer.) *W. A. Bromfield, mss.*

PYRUS *Aria.* About Feversham, and frequent through the county. *W. Pamplin, mss.* Old chalk-pits at Dartford. *B. G.*

MESPILUS *germanica.* Hedges between Tunbridge Wells and Penshurst. *Mag. Nat. Hist.* ix.

CHRYSOSPLENIUM *a'ternifolium.* Coppice behind the High Rocks, near Tunbridge Wells, 1835. *W. Pamplin, mss.*

PIMPINELLA *magna.* Copse at Whiting Brooks. *W. A. Bromfield, sp.* Very plentiful about Keston, and by the road-side from thence to Westerham, and again between that and Edenbridge. *W. Pamplin, mss.*

BUPLEURUM *rotundifolium.* About Farningham and Horton Kirby. *W. Pamplin, mss.*

——— *falcatum.* Betwixt Bromley and Eltham. (Gerarde.) *Eng. Bot. Supp.*

FŒNICULUM *vulgare.* Cliffs between Margate and Reculver. *G. E. Dennes, mss.*

PEUCEDANUM *officinale.* A few — say three — miles east of Whitstable, in 1824. *W. Pamplin, mss.*

ERYNGIUM *maritimum.* Shore east of Whitstable. *W. Pamplin, mss.*

VISCUM *album.* On old thorns about Cobham and Bush. *W. Pamplin, mss.*

GALIUM *parisiense.* Old walls at Farningham. *W. Pamplin, mss.* Sandy ground between Dartford and Northfleet. *B. G.* (The locality "Cliffs of Dover," &c. given from Turner and Dillwyn, is misplaced to this plant: it belongs to Rubia peregrina. — Page 72.)

VALERIANA *rubra.* On the old walls of Canterbury, and varieties with white and pale red flowers. *W. Pamplin, mss.*

——— *Calcitrapa.* This, and some other plants found near Eltham, may have originally escaped from Sherard's garden. *W. Pamplin, mss.*

PRENANTHES *muralis.* Frequent through the county. *W. Pamplin, mss.*

CNICUS *acaulis.* Frequent in the downs, throughout the county. *W. Pamplin, mss.*

CENTAUREA *Calcitrapa.* Abundant at Northfleet. *W. Pamplin, mss.*

CAMPANULA *Trachelium.* Road-side at Frindsbury, between Gravesend and Dover. *G. E. Dennes, mss.*

——— *hybrida.* Not uncommon through the county. *W. Pamplin, mss.*

MONOTROPA *Hypopitys.* (Read "Stowting." — Page 74.)

GENTIANA *Pneumonanthe.* Proved in both localities, in 1835. *W. Pamplin, mss.* — Page 74.

CHLORA *perfoliata.* Northfleet. *G. E. Dennes, mss.* Frequent on chalk hills throughout the county. *W. Pamplin, mss.*

CUSCUTA *Epythymum.* Keston Heath, and frequent through the county. *W. Pamplin, mss.*

VERBASCUM *Blattaria.* Bank near Cuxton, towards Cobham. *W. Pamplin, mss.*

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VERBASCUM *thapsiforme*. By road-sides in Kent. *Lindl. Syn.*

ATROPA *Belladonna*. (Read "Crays." — Page 75.)

LINARIA *purpurea*. Walls at Eltham, Canterbury, and elsewhere, in Kent and Surry, frequent. *W. Pamplin, mss.*

——— *spuria*. About Brasted; about Keston; and not unfrequent throughout the county, with L. Elatine. *W. Pamplin, mss.*

VERONICA *Buxbaumii*. I have specimens from Mr. Peete, gathered near Hayes and Keston, apparently wild, and previous to its being adopted as a native plant, in any English Flora. *W. Pamplin, mss.* In a clover-field, laid down with foreign seed, at Chalk Hole, about two miles from Margate. *Eng. Bot. Supp.*

MENTHA *rubra*. On Keston Heath, near the source of the Ravensbourne, pointed out to me by Mr. Peete. *W. Pamplin, mss.*

AJUGA *Chamæpitys*. Frequent through the county. *W. Pamplin, mss.* (Probably "Luton," means Luton in Bedfordshire; or it may be Sutton in this county. — Page 75.)

GALEOPSIS *Ladanum*. One specimen from the road-side at Barham Downs. *G. E. Dennes, mss.* Frequent through the county. *W. Pamplin, mss.*

ACINOS *vulgaris*. Road-side between Lydden and Barham Downs. *G. E. Dennes, mss.* (Erase the words "Waterdown Forest." substituting "Corn-fields, common."— Page 76.)

CALAMINTHA *officinalis*. Near Sittingbourne. *G. E. Dennes, mss.*

LATHRÆA *squamaria*. Very abundant in cottage gardens, at Chelsfield, a village between Farnborough and Farningham. (Mr. W. Christy.) *W. Pamplin, mss.*

STATICE *Limonium*. Salt marshes all through the county. *W. Pamplin, mss.*

GLAUX *maritima*. Frequent through the county. *W. Pamplin, mss.*

PLANTAGO *maritima*. Salt marshes, through the county. *W. Pamplin, mss.*

ATRIPLEX *laciniata*. Common along the cliffs between Margate and Reculver. *G. E. Dennis, mss.*

——— *pedunculata*. Between Sandwich and Pegwell, frequent. *S. K.*

MERCURIALIS *annua*. Gravesend. *W. A. Bromfield, mss.*

HYDROCHARIS *Morsus-ranæ*. Ditch near the sea, between Margate and Reculver; and ditch near the village of Sarre, between Canterbury and Margate. *G. E. Dennes, mss.*

ORCHIS *hircina*. (Grimstead Green is Green Street Green of the present day. *Mr. W. Pamplin.* — Page 79.)

HABENARIA *chlorantha*. Kent. (Dr. Lindley.) *Br. Fl.*

OPHRYS *apifera*. About Cobham, &c. *W. Pamplin, mss.*

——— *fucifera*. In great profusion in particular spots between Walmar and St. Margaret's. *Mag. Nat. Hist.* vii. 272.

——— *muscifera*. About Cobham, &c. *W. Pamplin, mss.*

ACERAS *anthropophora*. About Cobham, and several parts of the county. *W. Pamplin, mss.*

NEOTTIA *spiralis*. In the large sand-pit, leading out of the lower road between Greenwich and Woolwich. *Mag. Nat. Hist.* viii. (Read "Bexley" for Boxley. — Page 80.)

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EPIPACTIS *grandiflora*. Frequent through the county. *W. Pamplin, mss.*

TAMUS *communis*. Frequent. *W. Pamplin, mss.*

ERIOPHORUM *pubescens*. South Kent. *Br. Fl.*

CAREX *axillaris*. Brabourne (?) Kent. (Rev. G. E. Smith.) *W. A. Bromfield, mss.*

ROTTBOLLIA *incurvata*. In the marshes by the Medway, between Cuxton and Rochester. (Mr. A. Irving.) *W. Pamplin, mss.*

ELYMUS *geniculatus*. (The specific name is erroneously written "europæus" on Page 83.)

IX. SURRY.

CLEMATIS *Vitalba*. Frequent in many parts of the county. *W. Pamplin, mss.* It occurs plentifully on the chalk, as about Boxhill, &c., but I have observed only a single plant between Esher and London, and that one was probably introduced, as it was growing with several garden plants. *H. W.*

ANEMONE *apennina*. A variety, with white flowers, in Wimbledon Park woods. *W. Pamplin, mss.*

MYOSURUS *minimus*. In my garden, in two places where the soil had been dug to a greater depth than usual, a few plants of this came up, in 1836; but I have not met with it elsewhere in the parish of Thames Ditton. *H. W.* (Correct the localities, in vol. i., thus; "Weston Green" and "Lordship Lane, near Dulwich Wood."—Page 84.)

DELPHINIUM *Consolida*. Occasionally in corn-fields at Battersea. *W. Pamplin, mss.* Sparingly on Hersham Green, in 1836. *H. W. sp.*

CORYDALIS *lutea*. On a wall at Wimbledon, plentifully, in 1835. *W. Pamplin, mss.*

FUMARIA *parviflora*. Corn-fields near Burford Bridge. *H. W. sp.*

BARBAREA *præcox*. Hedge-bank near Tooting. *W. Pamplin, mss.*

TURRITIS *glabra*. Gravelly banks between Kingston and Wimbledon. *W. Pamplin, mss.*

HESPERIS *matronalis*. In a hedge, near a farm at Cheam, towards the Lord Nelson. *W. Pamplin, mss.*

ERYSIMUM *cheiranthoides*. By the foot-path from Battersea Bridge to Lavender Hill. *Indig.* Sparingly in the road from the corner of Ditton Common towards the Copper Mills; also opposite the Copper Mills, under the Railroad. *H. W. sp.*

BRASSICA *campestris*. A plant, presumed to be this species, grows in plenty on the sides of the Thames, for several miles, both above and below Ditton. *H. W. sp.*

SINAPIS *muralis*. (This is the species intended under the name of S. tenuifolia in vol. i. page 85.)

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VIOLA *canina* (flavicornis). Pastures near Mitcham. *Eng. Bot. Supp.*

DROSERA *longifolia*. Walton-on-Thames Heath. *W. Pamplin, mss.* In several places on Esher Common, as between Okeshot Hill and Claremont Park. *H. W. sp.*

SILENE *anglica*. Hersham Green; and by the Railway, near Esher Copper Mills. *H. W. sp.*

ELATINE *hexandra*. On the south side of Hedge Court Pond, three miles from East Grinstead. *W. H. Coleman, sp.*

ARENARIA *tenuifolia*. In great plenty on Banstead Downs, between Epsom and Cheam, 1833; I have never seen it in Battersea. *W. Pamplin, mss.* Mortlake. *R. C. Alexander, mss.*

MŒNCHIA *erecta*. Clapham and Wandsworth Commons, and on old walls. *Indig.* Abundant on sandy commons. *W. Pamplin, mss.*

RADIOLA *millegrana*. West Side of Wandsworth Common. *Indig.* Sparingly about the middle of Ditton Common, not far from Shilton's Cottages; also on Esher Common, in the corner lying between Claremont Park and Claygate. *H. W. sp.*

TILIA *grandiflora*. Box Hill, rather on the northern side. *H. W. sp.* (Refer to "*Eng. Fl.*" instead of "*B. G.*"— Page 86. The same mis-reference is made in the Flora Metropolitana.)

HYPERICUM *edodes*. On Esher Common, between Okeshot Hill and Claremont Park. *H. W. sp.*

——— *montanum*. Claygate, among the bushes in the lane forming the old horse-road towards the village of Thames Ditton. *H. W. sp.*

——— *Androsæmum*. With the preceding. *H. W. sp.*

GERANIUM *rotundifolium*. Bank of the Lavender Hill Nursery; by the road-side near the Prince's Head, Battersea. *Indig.*

ERODIUM *moschatum*. A single plant near Barnes Common, in 1835. *W. Pamplin, mss.*

IMPATIENS *fulva*. (Mr. Daniel Cooper indicates this to be found on the left bank of the Wey, near Guildford; from which it appears highly probable that the plant mentioned on page 86 of the present work, under name of *Noli-me-tangere*, was the same species. Two specimens came into my hands, which had been roughly dried in a pocket-book, and both of which appear to have been given away, so that I cannot now ascertain the point.)

OXALIS *corniculata*. (Substitute "*H. W.*" for "*B. G.*")

RHAMNUS *Frangula*. Knight's Hill Wood and Common. *W. H. Coleman, mss.*

——— *catharticus*. Still at Dulwich, as mentioned by Martyn; a single plant on Penge Common, between Beckenham and Dulwich. *W. H. Coleman, mss.* Hedge between Ditton Common and the fields near Ember Grove; also in the hedges of several fields between Ditton Common and the river Mole. *H. W. sp.*

ULEX *nanus*. Wandsworth Common. *Indig.* Frequent on the

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wastes in Thames Ditton and adjacent parishes. *H. W. sp.* (Near Hook, I found an autumn-flowering bush of Ulex europæus, on which the calyces were quite destitute of bracteas; though the withered remains of the spring-flowers showed them as conspicuous as usual. *H. W.*)

Ononis *spinosa*. Wansworth Common, where the white-flowered varieties of both species are found. *W. Pamplin, mss.* In Thames Ditton and adjacent parishes, this is much more plentiful than *O. arvensis*. *H. W. sp.*

Medicago *maculata*. By the towing path, along the Thames, above Moulsey Loch. *H. W. sp.*

Melilotus *leucantha*. By the road-side between Mickleham and Burford Bridge. *W. Pamplin, mss.* (For "Chipstow," read "Chipstead." *Mr. Pamplin.* — Page 87.)

Vicia *angustifolia*. (Erase "Epping Forest." — Page 87.)

Lathyrus *Aphaca*. Near the entrance to Battersea Fields, from the village, found by Mr. J. Gibbs, about 1812. *W. Pamplin, mss.*

Potentilla *argentea*. Wandsworth Common, under the Park pales, at the north-east corner. *Indig.* In a gravelly pasture between Clapham and Lavender Hill. (Miss Frances Pamplin.) *W. Pamplin, mss.*

Rosa *villosa*. Near Coombe Wood, by the high road between Kingston and London. *R. Castles, mss.*

—— *tomentosa*. Felcourt, near Lingfield, ("R. villosa of the Rev. Mr. Holmes in Relhan.") *W. H. Coleman, sp.*

—— *micrantha*. Abundant on Penge Common. *W. H. Coleman, sp.*

—— *canina* (Forsteri). Esher. *R. Castles, mss.*

———— (dumetorum). Near the Thames side, near Ham. *R. Castles, mss.*

Pyrus *communis*. A very large tree of it as you enter Wimbledon Park from Wandsworth fields. *W. Pamplin, mss.*

——— *torminalis*. Low Cross Wood, Norwood. *W. H. Coleman, sp.*

——— *Aria*. Frequent through the county. *W. Pamplin, mss.* I have not met with it in the neighbourhood of Thames Ditton; but observed it in some plenty about Box Hill. *H. W.*

Callitriche *pedunculata*. Ditton Common, near Shilton's Cottages; and probably on Esher Common, as it came up in a peat bed in my garden, the soil of which had been introduced from Esher Common. *H. W. sp.*

Cicuta *virosa*. Inserted on the authority of Martyn and others, not having seen it myself. *Indig.*

Sison *Amomum*. Battersea; Clapham; Wandsworth. *W. Pamplin, mss.* Rather plentiful in the parish of Thames Ditton, chiefly towards Claygate; also in Hook, Long Ditton, &c. *H. W. sp.*

Sium *latifolium*. Destroyed in the ditch at Thames Ditton; but occurs in the Thames above Hampton Court Bridge. *H. W.*

Œnanthe *Phellandrium*. On Ditton Common sparingly, in a pond immediately in front of the house of Ember Grove; and

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also in the ditches by the road leading from Ember Grove to Ember Court. *H. W. sp.* Abundant in marshy ground and ditches all about Battersea and Wandsworth. *W. Pamplin, mss.*

SILAUS *pratensis.* Most abundant on Wandsworth Common, but I think not very common elsewhere about London. *W. Pamplin, mss.* Ditton Common, between the toll-bars near Esher, chiefly on the south-east side of the high road; also elsewhere in Thames Ditton parish, as between the railway and Portsmouth road, near to Ditton Green. *H. W. sp.*

TORILIS *infesta.* Occasionally in fields between Ditton Common and Claygate. *H. W. sp.*

SMYRNIUM *Olusatrum.* Dry situations in Letchmere. *Indig.*

VIBURNUM *Lantana.* "Frequent in Surrey" probably has reference to the chalk tracts; it is very uncommon about Thames Ditton and the neighbouring parishes, but occurs in small quantity in the hedge, by the road between Ember Court and the bridge at East Moulsey. *H. W.*

LACTUCA *Scariola.* (Insert "Between" before "Mitcham." *Mr. Pamplin.* — Page 89.)

——— *virosa.* Hedge banks between Battersea and Clapham. *W. Pamplin, mss.*

PRENANTHES *muralis.* Frequent through the county. *W. Pamplin, mss.* It appears to be scarce in Thames Ditton and the adjacent parishes, indeed I have not yet seen a plant of it within the boundaries of Thames Ditton. *H. W.*

ONOPORDUM *Acanthium.* In small quantity, by the road-side, between the farm buildings of Captain White and the rail-road, Long Ditton. *H. W. sp.* In several places. *Indig.*

CNICUS *acaulis.* Frequent on Downs. *W. Pamplin, mss.*

——— *pratensis.* South-east side of Wandsworth Common. *Indig.* Wimbledon Common. *W. Pamplin, mss.* Scattered in several places on Esher Common, as between Okeshot Hill and Claremont Park. *H. W. sp.* About Weir Mill Pond, two miles from East Grinstead, on the London road. *W. H. Coleman, mss.*

CARDUUS *crispus.* On the Brighton side of the steep chalk hill on the north side of Reigate. *Trevelyan, in Mag. Nat. Hist.* viii. 636. (This is probably not an uncommon plant, but has hitherto been confounded with C. acanthoides.)

CONYZA *squarrosa.* (Refer to "*Winch, add.*" instead of "*B. G.*" — Page 89.)

ERIGERON *canadensis.* Gardens and way-sides. *Indig.*

PULICARIA *vulgaris.* Occasionally, on the commons and by the road-sides, in Thames Ditton and Long Ditton parishes: and it still comes up in the drained and inclosed parts of Ditton Marsh, when the surface soil is removed; thus affording an example of a plant disappearing and re-appearing with changes in the state of the ground. *H. W. sp.*

ANTHEMIS *nobilis.* Streatham Common; Felbridge; Lingfield. *W. H. Coleman, mss.* Frequent on the commons and lane-

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sides in Thames Ditton, and surrounding parishes. *H. W. sp.*

CENTAUREA *Calcitrapa.* Wandsworth Common. *Indig.*

——— *Jacea?* (The Surrey plant thus named seems to be only a variety of C. nigra. — Page 90.)

CAMPANULA *Rapunculus.* Very scarce on the Thames Ditton side of Esher, but plentifully scattered in the hedges and fields between Esher and Hersham; it occurs very sparingly at the west corner of Ditton Common, also in the lane leading from Claremont Lodge to the south corner of the same common, but in small quantity. *H. W. sp.*

——— *Trachelium.* Sparing on the opposite bank of the Mole, a quarter of a mile below the Copper Mills, Esher; also in a wet lane leading to the same river, from Hersham Green. *H. W. sp.*

——— *hederacea.* Marsh at the upper end of Hedge Court Pond, near E. Grinstead. *W. H. Coleman, mss.*

——— *hybrida.* Corn-fields about Burford Bridge; and a few specimens scattered along the high road, midway between Leatherhead and Kingston, growing among broken flints, with which the seeds had doubtless been carried from the chalk tracts. *H. W. sp.*

GENTIANA *Pneumonanthe.* (Clapham in Yorkshire was the place intended as the station of this plant, and the "Engleton" is a misprint for Ingleton, in Turner and Dillwyn's Guide. The locality is recorded by Milne, on the authority of Newton, as a Yorkshire one, but Turner and Dillwyn appear to have been misled by the same name occurring in Surry.

ERYTHRÆA *pulchella.* In Hedge Court Pond, East Grinstead. *W. H. Coleman, sp.*

CHLORA *perfoliata.* Frequent on chalk hills. *W. Pamplin, mss.*

VILLARSIA *nymphæoides.* Completely naturalised in most of the ponds on Wandsworth Common. *W. Pamplin, mss.*

CUSCUTA *Epithymum.* Walton and Weybridge Commons, and in many parts of the county. *W. Pamplin, mss.*

MYOSOTIS *cæspitosa.* By the margins of shallow pools, on several parts of Wandsworth Common. *W. Pamplin, mss.*

SOLANUM *nigrum.* In several parts of Thames Ditton and the neighbouring parishes, particularly in Moulsey. *H. W. sp.*

ANTIRRHINUM *Orontium.* Battersea. *Indig.* Thames Ditton and adjoining parishes, pretty frequent. *H. W. sp.*

LINARIA *spuria.* Rare; in some newly ploughed land, on Lavender Hill, 1826. *W. Pamplin, mss.* In a bean-field near Hook; in corn-fields between Claygate and the railway; as a weed in my garden, the second year after its conversion from a wheat-field to a garden, none having been observed during the first summer. *H. W. sp.*

——— *Elatine.* Frequent in Thames Ditton, and adjacent parishes. *H. W. sp.*

SCROPHULARIA *vernalis.* Near Merton, between the rail-road and Mitcham, 1836. *W. Pamplin, mss.*

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LIMOSELLA *aquatica*. In a large pond, on a stream which enters the Medway between Jakes Bridge and Reed Bridge, Lingfield. *W. H. Coleman, sp.* At the bottom of a large shallow pond on Wandsworth Common, July, 1835, when, by reason of the drought, it appeared growing in the dried mud, but I had never before seen the plant there. *W. Pamplin, mss.*

VERONICA *Buxbaumii*. Naturalised at Wandsworth, and between Battersea and Clapham. *W. Pamplin, mss.*

MENTHA *Pulegium*. Hedge Court Pond, E. Grinstead. *W. H. Coleman, mss.* On Ditton Common, it occurs most plentifully in some wet ground to the north of the railway line, near Shilton's Cottages. *H. W. sp.*

GALEOBDOLON *luteum*. On the hedge bank, by the high road, very near the Inn at Burford Bridge. *H. W. sp.*

SCUTELLARIA *minor*. Wandsworth Common. *Indig.* Penge Wood; Knight's Hill Common, Norwood; Weir Mill Pond, near E. Grinstead. *W. H. Coleman, mss.* On Esher Common, north side of Okeshot Hill. *H. W. sp.*

OROBANCHE *elatior*. Parasitical upon Centaurea Scabiosa, in the great chalk-pit at Ashted. *W. Pamplin, mss.*

HOTTONIA *palustris*. In a ditch bordering the north-west side of Ditton Common, between Weston Green and Ember Grove. *H. W. sp.* In the principal ditches in Battersea fields; plentiful in Letchmere; on the common between Tooting and Streatham. *Indig.*

LITTORELLA *lacustris*. Hedge Court Pond, E. Grinstead. *W. H. Coleman, mss.* Ponds on Esher Common, near the grounds of Claremont. *H. W. sp.*

CHENOPODIUM *glaucum*. The rarest of the metropolitan Chenopodeæ, and has disappeared at Battersea for five years past. *W. Pamplin, mss.*

——— *olidum*. In the road-side at E. Moulsey, very near the river Mole; also near W. Moulsey. *H. W. sp.*

——— *hybridum*. Every year more or less in the Lavender Hill Nursery, and occasionally varies with the stems, petioles and veins of the leaves, of a rich purple colour. *W. Pamplin, mss.* (The semicolon after "Chelsea Bridge" and the comma after "gardener's ground," must change places; the signification being entirely destroyed by the misprint. — Page 93.)

——— *ficifolium*. Peckham. *W. Pamplin, mss.*

POLYGONUM *dumetorum*. In a wood immediately opposite the house of Sir C. C. Pepys, facing which there is a gate, on entering which a few yards within the woods, the plant will be seen climbing over some low bushes. *Mag. Nat. Hist.* ix. 86. Running over low bushes, very plentifully, in and near a wood, a short distance south-west of Wimbledon, towards Kingston, 1835. *W. Pamplin, mss.* A single plant of it, in a ditch, by the right side of the road running from the west corner of Ditton Common towards the Copper Mills, not many yards from the Common, 1836. *H. W. sp.* (Very

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nearly allied to P. Convolvulus, which in damp rich ground acquires conspicuous wings, at the angles of the fruit.)

RUMEX *pulcher*. In the footpath from Battersea Bridge to Lavender Hill, &c. *Indig.*

MERCURIALIS *annua*. By the Prince's Head, and elsewhere in Battersea. *Indig.*

URTICA *pilulifera*. Battersea fields. *J. Anderson.*

CARPINUS *Betulus*. One tree, perhaps self-sown, in the hedge by the road leading from the south corner of Ditton Common to Claygate and Esher Common, only a short distance down the lane. *H. W. sp.*

STRATIOTES *aloides*. In the pond opposite the five houses, Wandsworth Common; and in the wide brook at the foot of Lavender Hill. *Indig.*

ACTINOCARPUS *Damasonium*. Ponds on Clapham Common; Hedge Court Pond, E. Grinstead. *H. W. Coleman, mss.* In a pond on Esher Common, between Claremont Park and Claygate; in a small pond, on Ditton Common, just in front of Ember Grove; near Shilton's Cottages, on the same Common; also on the opposite side of the Portsmouth road, in the bed of the Rye, near to the Turnpike House. *H. W. sp.* (This is probably "Ditton Marsh" of Mr. Borrer, in Turner and Dillwyn's Guide, as it formerly formed part of a large extent of unclosed and marshy land, to which that name was applied. On Smith's Map, it is now called "Common," while "Marsh" is applied to a portion wholly enclosed and drained, on the south-east side of the Rye, near Thames Ditton Green. When the initials "*H. W.*" follow localities, this restricted signification is to be understood.)

SAGITTARIA *sagittifolia*. In the Mole, at Esher Bridge. *H. W.*

ACERAS *anthropopora*. Between Box Hill and Juniper Hill. *H. W. sp.* Old stone-pits east of Guildford, plentifully. *W. Pamplin, mss.*

TAMUS *communis*. Wimbledon Wood; frequent through the county. *W. Pamplin, mss.*

SCILLA *autumnalis*. (For "*A. G.*" read "*B. G.*" "Mouldsworth," of Ray, and others, doubtless signifies "Moulsey." Mr. Pamplin. — Page 95.)

TULIPA *sylvestris*. Near Kingston (Mr. Baker); near Leatherhead, abundantly (Mr. G. Penny). *W. Pamplin, mss.*

TYPHA *angustifolia*. Ponds on Wandsworth Common, and in Letchmere. *Indig.*

LEMNA *gibba*. Battersea. *W. Pamplin, mss.*

——— *polyrhiza*. Ditches on Ditton Common. *H. W. sp.*

SCIRPUS *triqueter*. Thames side between Battersea and Vauxhall. *Indig.*

ELEOCHARIS *acicularis*. Hedge Court and Weir Mill Ponds, E. Grinstead. *W. H. Coleman, sp.*

RHYNCOSPORA *alba*. On Bagshot Heath, between Chobham and Shrubs-hill. *W. Pamplin, mss.*

CAREX *divulsa*. Frequent in Thames Ditton, and adjoining parishes.

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H. W. sp. (Refer to "*Winch, mss.*" instead of "*B. G.*" — Page 96.)

AGROSTIS *Spica-Venti.* By the road-side, Bagshot Heath; among corn in Battersea fields. *W. Pamplin, mss.* Corn-fields in Thames Ditton; in 1836, it was abundant amongst wheat, in the field opposite the Lodge of Ditton House. *H. W. sp.*

SETARIA *viridis.* Wandsworth fields and Battersea, 1835. *W. Pamplin, mss.* Battersea fields, near the Red House, and between the Bridge Road and the Nine Elms, near the footpath. *Indig.*

——— *verticillata.* Battersea fields. *Eng. Fl.* (The specimen from Mr. Christy is erroneously referred to the present species, it belongs to the preceding. — Page 96.)

POA *aquatica.* Plentiful in the Thames and Mole, and in ditches and marshy ground, about those rivers. *H. W. sp.*

FESTUCA *bromoides.* Wimbledon Common, on the high banks by the road from Wandsworth to Kingston. *W. H. Coleman, mss.* Hedge bank, by the footpath from Ditton Common to the Claygate Telegraph. *H. W. sp.*

BROMUS *diandrus.* On a wall at Battersea, near the church, in 1834. *W. Pamplin, mss.*

——— *racemosus.* By the footpath, going from Ditton Common to the Telegraph at Claygate, in the second field. *H. W. sp.*

——— *secalinus.* Plentiful in a neglected fallow, above Hogg's Mill, near Kingston, 1836. *H. W. sp.*

LOLIUM *arvense.* With the preceding, near Kingston. *H. W. sp.*

——— *temulentum.* Plentiful in Battersea corn-fields, in 1834, among tares which had been left to grow again, after having been mown in the preceding spring. *W. Pamplin, mss.*

DIGITARIA *sanguinalis.* (Mr. W. Pamplin intimates that he has unsuccessfully sought for any Digitaria, in Wandsworth fields. — Page 96.)

X. MIDDLESEX AND LONDON.

IN the former volume it was remarked that a *Flora Metropolitana*, to exhibit the actual vegetation of the vicinity of the Metropolis, would be a valuable addition to our local Floras; but that the *Collecting Box*, or the fields, not the *Library*, must supply the materials. Since the remark was published, a work has appeared bearing this title, but with scarcely more legitimate claim to the name of a Metropolitan Flora, than the present work has to that of a British Flora. Indeed, the work in question is a Botanist's Guide, nearly on the same plan as this one, except that in being devoted to a limited tract, its local lists are made to refer to very small areas, instead of relating to whole counties. Taken as a local guide, it will be of considerable use to botanical

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collectors, and may be of much assistance to any one who shall really write a Metropolitan Flora. Mr. Cooper would confer an important obligation on the botanists of England, by undertaking this task, on a plan adequate to effect the object completely and accurately. Whosoever may undertake the task, however, ought to visit the recorded localities, as far as possible, so as to write from actual observation. He should request all botanists resident in the neighbourhood, to supply him with lists of the plants found in their own vicinities; including carefully specified localities for all the rarer species. An actual inspection of the specimens should be made in all instances that may appear doubtful, or of suspicious character for accuracy; and no localities ought to be admitted into the work, on the authority of any person who will not undertake to show either the station or a specimen from it. In addition to special localities for the less common kinds, the area, over which each species is extended, ought to be carefully ascertained; and this might be pretty well determined by comparing a number of local lists, each relating to a small extent of surface. A good method of forming such local lists would be by an enumeration of all the species found within a single parish, or other circumscribed area, with a notice of their comparative frequency or scarcity within the space, and the further addition of the nearest known localities for other species, which are not found within the particular tract in question. Book-localities and species, not very recently confirmed, might be added as an appendix; but they should find no place in the general list of the flora. In short, a Metropolitan Flora, if intended to be worth printing, ought to be a picture of the present botanical productions of the London district, and not merely a compiled list of names, indicative only of what has been written on the subject, during a century or two, as is unavoidably the case in a work like this present Guide, or in one constituted on the plan of Mr. Cooper's Flora Metropolitana. The latter includes the chief part of the metropolitan localities mentioned in the first volume of this work (from which they have been copied more frequently than appears by the references or authorities named); but it makes numerous additions to them, partly copied from older books which I had deemed it more advisable to pass over; but partly, also, from the recent observations of Mr. Cooper himself, or of his botanical friends. Such additions I have not deemed it necessary to copy into this present volume; but, instead of doing so, shall recommend to persons disposed to botanise in the neighbourhood of London, and desirous of a botanical guide-book, that they should give the preference to Mr. Cooper's work; to which the few additional metropolitan localities, contained in this volume, can easily be added with the pen. So far as the vicinity of London is concerned, the work of Mr. Cooper will be found more serviceable, and will be only a fourth of the cost. It may be worth while to mention here, that where the initials "*H. W.*" follow any localities given in the New Botanist's Guide, they are placed in their proper counties; thus, "Thames-side above Hampton Court Bridge," or "Thames-side opposite to Sunbury," indicates the Surry side of the Thames, *if introduced under the head of* "SURRY." Mr. Cooper has occasionally transferred such indications to the county of Middlesex, thus directing botanists to the wrong side of the river, and to places where the plants do not grow,

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But trifling errors of this kind are almost unavoidable. I have fallen into similar ones myself; and Turner and Dillwyn have done the same; an example of which is instanced on page 583, of this volume.

RANUNCULUS *parviflorus*. (For "London" read "Harefield."—Page 97.)

ADONIS *autumnalis*. (I never yet saw this plant near London. *Mr. Pamplin.*—Turner and Dillwyn's authority is Curtis.—Page 97.)

SISYMBRIUM *Irio*. (Read "Walham," not "Waltham;" and insert the reference to "*Eng. Fl.*" after "London."—Pages 97, 98.)

SINAPIS *tenuifolia*. On walls east and west of the road by which one passes from Kensington, at the church, to Kensington Gravel Pits, rather more than midway of the distance. The road is called Church Lane, at the Kensington end, and Silver Street, at the end by the Pits. *Mag. Nat. Hist.* ix. 90.

——— *muralis*. Very sparingly on the gravel-bed of the Thames shortly below Hampton Court Bridge. *H. W. sp.*

ERYSIMUM *cheiranthoides*. With the preceding. *H. W. sp.*

BRASSICA *campestris*? See this species in "SURRY," on page 579.

ULEX *nanus*. Hampstead Heath. *G. E. Dennes, mss.*

ROSA *systyla*. (Erase "Quendon," which is in Essex.—Page 98.)

—— *gracilis*. Near Blackmoor Farm, near Twickenham. *R. Castles, mss.*

—— *canina* (Forsteri, dumetorum, sarmentacea). Twickenham. *R. Castles, mss.*

—— *micrantha*. By the Park pales between Ditton Ferry and Kingston. *R. Castles, mss.*

—— *spinosissima*. Hounslow, and other commons near Twickenham. *R. Castles, mss.* (Mr. Castles has favoured me with cultivated specimens of the several roses mentioned here, and in "SURRY," on his authority.)

LYTHRUM *hyssopifolium*. (Read "Lalam" or Laleham.—Page 99.)

MYRIOPHYLLUM *verticillatum*. (Read "village" for "river."—Page 99.)

CALLITRICHE *pedunculata*. (The plant figured in the Supplement to English Botany, 2606, under the name of Cal. autumnalis, was referred to, in the second edition of the British Flora, as C. pedunculata. This led me to give the localities published for C. autumnalis, as if belonging to C. pedunculata, which appears to be wrong for the Anglesea station, "Llyn Mealog," but I am disposed still to believe that the London plant is really C. pedunculata, and that C. autumnalis of most of our Floras, and of three-fourths of the British botanists, is also referrible to the same species; while the true C. autumnalis is a very scarce plant in England, if not in Scotland also. Having received specimens of the latter from Mr. C. C. Babington, I must confess that it was previously unknown to me, and that the only other specimen in my herbarium, out of several sent to me as C. autumnalis, and received as

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such, is one communicated by Mr. Stables, from Loch Clunie. C. pedunculata does grow in the vicinity of London, as will appear by reference to the list for Surry. — Page 99.)

BRYONIA *dioica*. Highgate. *G. E. Dennes, mss.*

SIUM *latifolium*. Thames side between Hampton Court and village. *H. W. sp.*

FŒNICULUM *vulgare*. Highgate. *G. E. Dennes, mss.* (Probably scattered in seed from some garden.)

SONCHUS *palustris*? Among reeds, in the clay-pits of the large brick-fields at Shepherd's Bush, 1834. *W. Pamplin, mss.*

PULICARIA *vulgaris*. About Ealing, towards the Harrow road, plentifully. *W. Pamplin, mss.*

VERBASCUM *nigrum*. By the Thames, under the wall of Hampton Court Garden. *H. W. sp.*

SOLANUM *nigrum*. With the preceding. *H. W. sp.*

LYCOPUS *europæus*. Highgate. *G. E. Dennes, mss.*

MENTHA *Pulegium*. Hampstead Heath. *G. E. Dennes, mss.*

GALEOBDOLON *luteum*. Highgate. *G. E. Dennes, mss.*

SCUTELLARIA *minor*. Hampstead Heath. *G. E. Dennes, mss.*

AMARANTHUS *Blitum*. (Read "Walham Green." — Page 101.)

POLYGONUM *minus*. Parson's Green, near Fulham, abundantly. *W. Pamplin, mss.*

RUMEX *pratensis*. Road-sides about the northern outskirts of London. *Br. Fl.*

HYDROCHARIS *Morsus-ranæ*. Ditches at the Neat-houses, between Chelsea and Ranelagh. *W. Pamplin, mss.*

SAGITTARIA *sagittifolia*. Frequent in the county. *W. Pamplin, mss.* Side of the Thames between Hampton village and Court, and between Thames Ditton and Kingston. *H. W. sp.*

SCILLA *autumnalis*. Query, if this has been found at Chelsea, since Gerard's time. *W. Pamplin, mss.*

ACORUS *Calamus*. Along the Thames, in several places, as by the road between the village of Hampton and Hampton Court. *H. W. sp.*

CYPERUS *fuscus*. More or less every year up to 1835. *W. Pamplin, mss.* In a field immediately at the back of the Swan Inn, Walham Green, in the ditches or drains which run across the field. *G. Francis, sp.*

XI. HERTFORDSHIRE.

ANEMONE *Pulsatilla*. (Perhaps Ashley Green, in the same neighbourhood as the localities for the two other species, though really within the boundaries of the next county — Buckinghamshire may be intended; but Mr. W. Pamplin suggests "Ashley, near Stockbridge, Hants." — Page 103.)

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TRIFOLIUM *ochroleucum*. By the road-side between Baldock and Royston. *W. H. Coleman, mss.*

VERBASCUM *nigrum*. Near St. Albans. *J. Anderson, mss.*

ATROPA *Belladonna*. Very plentiful in Lord Melbourne's Park, Brocket Hall, near Welwyn. *W. Pamplin, mss.*

ORCHIS *pyramidalis* and *militaris*. (By some accident these have got misplaced, the first belonging to Hants, the second to Buckingham. — Page 104.)

OPHRYS *apifera*. Chalk-pit between Preston and Gosmore, near the Hitchin. *W. H. Coleman, mss.*

HERMINIUM *Monorchis*. Chalk-pit between Preston and Gosmore. *W. H. Coleman, mss.*

CROCUS *vernus*. At Totteridge. (Miss C. Garrow.) *W. H. Coleman, mss.*

FRITILLARIA *Meleagris*. Plentiful in meadows at Totteridge. (Miss C. Garrow.) *W. H. Coleman, mss.*

XII. ESSEX.

CLEMATIS *Vitalba*. Copford. *C. C. Babington, mss.*

ANEMONE *apennina*. (The British Flora says "Berkhamstead, Essex." This seems to be a mistake for Berkhamstead, Herts; or else to mean that the plant is found there and also in Essex. The former would appear to be the correct reading. — Page 105.)

MYOSURUS *minimus*. Copford and Mersey Island. *C. C. Babington, mss.*

CARDAMINE *amara*. Copford. *C. C. Babington, mss.*

TURRITIS *glabra*. Oliver's Mount, Colchester. *C. C. Babington, mss.*

VIOLA *flavicornis*. Epping Forest. *Eng. Bot. Supp.*

MŒNCHIA *erecta*. Piptree Heath. *C. C. Babington, mss.*

ARENARIA *peploides*. Mersey Island. *C. C. Babington, mss.*

HYPERICUM *Androsæmum*. Ditch, in a lane on the left side of the road from Brentwood to Ongar, about half a mile from Ongar. *B. G.* (The same locality as the one imperfectly given in page 106.)

MEDICAGO *maculata*. In the plantation opposite the terrace at Southend. *Mag. Nat. Hist.*

——— *denticulata*. Same locality and authority as the preceding.

TRIFOLIUM *ochroleucum*. Copford. *C. C. Babington, mss.*

——— *scabrum*. Near Southend; meadows near Saffron Walden. *B. G.*

——— *ornithopodioides*. Piptree Heath. *C. C. Babington, mss.*

VICIA *angustifolia*. Epping Forest. *Eng. Bot. Supp.*

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VICIA *bithynica*. Southend *C. C. Babington, mss.*

LATHYRUS *Aphaca*. In the hedge, by the road-side, with the Bupleurum falcatum. *Mag. Nat. Hist.*

——— *Nissolia*. Also with Bup. falcatum. *Mag. Nat. Hist.*

——— *hirsutus*. Amongst bushes, just below Hadleigh Castle. *Mag. Nat. Hist.*

ROSA *systyla*. Quendon. *Eng. Fl.*

CERATOPHYLLUM *submersum*. *C. C. Babington, mss.*

BUPLEURUM *falcatum*.* The exact station for this plant, gathered by myself in July, is in hedgerows and borders of fields between High Ongar and Chelmsford, beginning to grow exactly at the turnpike by the third mile from Ongar, or seventh from Chelmsford. It is most abundant on the right hand of the road towards the latter town, particularly in the hedge bounding the highway, but is so confined to the field side of the hedge, that not a plant is to be seen from the road. The Bupleurum is spread over a wide extent of ground, covering the banks of the fields, but never mingling with the crops." *Mag. Nat. Hist.* ix. 87.

——— *rotundifolium*. Amongst barley, about the locality of B. falcatum. *Mag. Nat. Hist.*

FEDIA *carinata*. On a garden wall at Marden Ash, a short mile from Ongar, nearly opposite to where the road branches off to Brentwood (Mr. Borrer), very difficult to get at, and I have no doubt escaped from cultivation. *W. A. Bromfield, mss.*

——— *dentata*. In the corn, near the Bupleurum falcatum. *Mag. Nat. Hist.*

TRAGOPOGON *porrifolius*. Carwey Island. *C. C. Babington, mss.*

CREPIS *biennis*. Southend, on the river bank above the town. *C. C. Babington, mss.*

GNAPHALIUM *gallicum*. (Read "Hedingham."— Page 108.)

LIMBARDA *crithmoides*. (Refer to "*Eng. Fl.*" instead of "*B. G.*" — Page 108.)

ANCHUSA *sempervirens*. Under a wall in Clay Street, Walthamstow, plentifully, but most probably the outcast of a garden. *W. Pamplin, mss.*

LINARIA *spuria*. Copford. *C. C. Babington, mss.*

MENTHA *gracilis*. ("Lea" is misprinted "sea."— Page 109.)

* I give the description of this locality for this plant, exactly in the words of Dr. Bromfield, on whose authority it is introduced into the Magazine referred to. That gentleman proposes to make the Magazine a medium of communicating "the *exact stations* of all our rarer" species; and he adds, — "By following such a course these volumes would prove a most useful '*Botanist's Guide*,' and faithful record of lost or still existing stations to succeeding times, in place of those vague indications which seldom conduct the botanist to the object of his search." The present work contains probably 30,000 of these vague indications. Supposing only a tenth part of them to come under Dr. Bromfield's ideas of stations of the "rarer" plants, and the descriptions to average the same number of lines as the above, they would fill a whole volume of the Magazine, to the exclusion of every thing else; or if taken in fair proportion to its other subjects, they would be scattered through a score of lusty octavos which would prove rather an inconvenient packet for the pocket of a walking botanist. I would suggest that condensed descriptions, communicated to a work like the present, are likely to become more useful to botanists. than verbose ones scattered through the miscellaneous matter of periodicals. Dr. Bromfield has himself thus made valuable additions to this Supplement.

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HOTTONIA *palustris*. Marsh ditches between Walthamstow and the Lea river, towards Edmonton. *W. Pamplin, mss.*

CHENOPODIUM *fruticosum*. Mersey Island. *C. C. Babington, mss.*

RUMEX *pratensis*. In marshes on the Essex side of the Thames. *Eng. Bot. Supp*

EUPHORBIA *platyphylla*. (Insert "*Eng. Fl.*" after "Notley."—Page 110.)

OPHRYS *muscifera*. (Read "High Easter."—Page 110.)

CAREX *Pseudo-Cyperus*. Copford. *C. C. Babington, mss.*

ALOPECURUS *fulvus*. Copford. *C. C. Babington, sp.* On the bank of a pond, near the Rectory, Copford. *Mag. Nat. Hist.*

POLYPOGON *monspeliensis*. Canvey Island. *C. C. Babington, sp.* Canvey Island, in a marshy spot, by the road-side, between the chapel and some houses on the Thames bank. *Mag. Nat. Hist.* In great abundance, one mile and a half from Tilbury Fort, or otherwise near the western end of Northfleet, near a cottage and (railroad?) *G. Francis, mss.*

LOLIUM *arvense*. (Refer to "*Eng. Fl.*" instead of "*B. G.*"—Page 112.)

SPARTINA *stricta*. Walton. *W. Christy, sp.*

XIII. SUFFOLK.

CLEMATIS *Vitalba*. Common about Bury. *W. A. Bromfield, mss.*

THALICTRUM *minus*. (Erase the semicolon after "Risby."—Page 113.)

ANEMONE *ranunculoides*. A few plants formerly grew at Hawstead, but were eradicated by a gardener.

ADONIS *autumnalis*. Corn-fields about Bury. (Rev. W. * * *.) *W. A. Bromfield, mss.*

HELLEBORUS *viridis*. About Bury; in a wood near Beighton, &c. *W. A. Bromfield, sp.* Near Stradbrook. *B. G.* (The localities mentioned for this species on page 113 belong to H. fœtidus.)

TEESDALIA *nudicaulis*. (Read "Belton," not "Belford."—Page 113.)

TURRITIS *glabra*. Near Dunwich. *B. G.*

SISYMBRIUM *polyceratium*. Still growing, in the greatest abundance, at the foot of walls in Schoolhouse Lane between Garland and Northgate Streets; also in the farther part of Garland Street, and thence spreading with equal profusion over the Short Bracklands, mixed with S. officinale and Coronopus Ruellii; and even creeping beyond the precincts of the town, towards Fornham, but very sparingly; but every where assuming the aspect of an indigenous weed. *W. A. Bromfield, sp.*

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SILENE *noctiflora*. Fields at Barton. (Lady Blake.) *W. A. Bromfield, mss.*

GERANIUM *phæum*. In woods near Whepstead, four miles from Bury, growing there for many years. (Rev. Thomas Image.) *W. A. Bromfield, mss.*

RHAMNUS *catharticus*. (Read "Woolpit Wood."—Page 114.)

TRIFOLIUM *ochroleucum*. About Barton, in fields near Sir Henry Bunbury's. *W. A. Bromfield, mss.*

MEDICAGO *muricata*. (Read "Orford."—Page 115.)

LATHYRUS *Aphaca*. Border of a field near Hawstead. *W. A. Bromfield, sp.*

——— *pisiformis*. (Refer to "*Eng. Fl.*" not "*B. G.*"—The latter has the locality "Aldborough, near the lime-kiln."—Page 116.)

ROSA *tomentosa*. (Read "Burgh Castle."—Page 116.)

SEDUM *dasyphyllum*. Old Abbey Walls at Bury. *W. A. Bromfield, mss.* Walls of the Botanic Garden at Bury. *J. E. Leefe, mss.*

SCLERANTHUS *perennis*. Icklingham. (W. Borrer, Esq.) *C. C. Babington, mss.*

SMYRNIUM *Olusatrum*. Castle Mound at Eye. *A. Bloxam, mss.* In the Village of Flixton. *C. C. Babington, mss.*

SIUM *latifolium*. Worlingham; Cove; marshes between Yarmouth and Burgh Castle. *B. G.* (These stations are misprinted on page 117.)

DIPSACUS *pilosus*. About Horringer, near Bury. *W. A. Bromfield, mss.*

ARTEMISIA *campestris*. Icklingham. (W. Borrer, Esq.) *C. C. Babington, mss.*

CENTAUREA *solstitialis*. In several fields about Barton, near Bury St. Edmonds; as also about Rougham, in the same vicinity. *Mag. Nat. Hist.*

MONOTROPA *Hypopitys*. (Refer to "*Stock, cat.*" not "*B. G.*"—Page 119.)

CUSCUTA *europæa*. In a hedge about a hundred yards beyond the Gaol, on the same side of the London and Sudbury road from Bury, parasitic on the wild hop, and very abundant. *W. A. Bromfield, mss.*

VERBASCUM *pulverulentum*. In old chalk-pits and by road-sides about Bury; abundant out beyond Northgate Street; also by the road-side between Bury and Newmarket, in many places. *W. A. Bromfield, mss.*

MELAMPYRUM *cristatum*. Abundant in a wood between Bury and Whepstead. *W. A. Bromfield, mss.*

VERONICA *triphyllos*. Near Mildenhall. (Mr. Broome.) *C. C. Babington, mss.*

SCUTELLARIA *minor*. Tuddenham. *W. A. Bromfield, sp.*

CYCLAMEN *hederæfolium*. (Refer to "*Eng. Fl.*" not "*B. G.*"—Page 120.)

ARISTOLOCHIA *Clematitis*. By the Church and Parsonage House at Hessett, six miles south-west of Bury; a suspicious station,

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but the plant has been growing there for many years. *W. A. Bromfield, sp.*

MERCURIALIS *annua*. Bury. *W. A. Bromfield, mss.*

LEUCOJUM *æstivum*. (Read "Little Stonham." — Page 122.)

ORNITHOGALUM *umbellatum*. Meadow nearly opposite the chalk-pits, Risby Gate Street, Bury. (Mr. Downes.) *C. C. Babington, mss.*

RHYNCOSPORA *alba*. Abundant on bogs at Belton and Lound. *B. G.*

DIGITARIA *humifusa*. Abundant in a field near Bury; shewn to me by Mr. Stock. *W. A. Bromfield, sp.*

XIV. NORFOLK.

CLEMATIS *Vitalba*. Dereham; Hockering; Bath Hills at Bungay.* *S. P. Woodward, mss.* (Add a semicolon after "churchyard." It is presumed that "hedges" did not refer exclusively to Earlham, which would appear from the misprint. — Page 125.)

ADONIS *autumnalis*. Hedges round Norwich, scarcely wild. *S. P. Woodward, mss.*

MYOSURUS *minimus*. This has not been found, either at Earsham or Lakenham, for many years. *S. P. Woodward, mss.*

RANUNCULUS *parviflorus*. Brundall, near Norwich. *S. P. Woodward, mss.*

HELLEBORUS *viridis*. Bath Hills at Bungay. *S. P. Woodward, mss.*

PAPAVER *hybridum*. Lakenham, near the church. *S. P. Woodward, mss.* Corn-fields at Barton Bendish. *B. G.*

TURRITIS *glabra*. Brundall and Thorpe, by Norwich. *S. P. Woodward, mss.*

CARDAMINE *amara*. Cley. *C C. Babington, mss.* Bromerton; Lakenham, &c. Lost at King Street Meadows, Norwich. A purple variety at Dereham. *S. P. Woodward, mss.*

COCHLEARIA *officinalis*. Found last year in salt marshes at Caistor, by Mr. Manners. *S. P. Woodward, mss.*

TEESDALIA *nudicaulis*. Mosswold Heath; Bath Hills. *S. P. Woodward, mss.*

ERYSIMUM *cheiranthoides*. Abundant in fields, by Bungay, Dereham, Bromerton, Lakenham, &c., truly wild. *S. P. Woodward, mss.*

LEPIDIUM *latifolium*. Cley. *C. C. Babington, sp.*

* Mr. Woodward frequently names Bungay; but as this occurs in a list of Norfolk localities, probably the Norfolk side of the river may be intended. I should otherwise have transferred them to the list for Suffolk, in conformity with the plan followed in other parts of this work, in reference to towns situate on the borders of counties.

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LEPIDIUM *Smithii*. Sandy lanes near Norwich; Lakenham. *S. P. Woodward, mss.*

——— *ruderale*. Cley. *C. C. Babington, sp.*

IBERIS *amara*. East Winch, between Lynn and Swaffham. *G. Cooper, sp.*

BRASSICA *campestris*. Old chalk-pits, &c., near Norwich. *S. P. Woodward, mss.*

DROSERA *longifolia*. Felthorpe; doubtful whether growing in Ellingham Fen. *S. P. Woodward, mss.*

——— *anglica*. St. Faith's; Felthorpe. *S. P. Woodward, mss.*

FRANKENIA *lævis*. Cley. *C. C. Babington, sp.* Lost on the South Denes, but found on the banks of the * * * (?), particularly over the swing bridge. *S. P. Woodward, mss.*

ARENARIA *tenuifolia*. A locality for this, near Norwich, is mentioned in Mr. S. Woodward's MSS., but I am unable to read two names, which serve to point out the precise spot. *H. W.*

CERASTIUM *arvense*. Fields near Norwich. *S. P. Woodward, mss.*

RADIOLA *millegrana*. St. Faith's; Felthorpe, &c. *S. P. Woodward, mss.*

HYPERICUM *elodes*. Felthorpe; St Faith's. *S. P. Woodward, mss.*

GERANIUM *sylvaticum*. Holt Wood, in Leziate, near Lynn. *B. G.*

——— *pyrenaicum*. Lakenham, certainly wild. *S. P. Woodward, mss.*

RHAMNUS *catharticus*. Dereham; and near Bungay. *S. P. Woodward, mss.*

MEDICAGO *maculata*. Cley. *C. C. Babington, mss.*

MELILOTUS *leucantha*. Common in marshes between Thorpe and Witlingham. *S. P. Woodward, mss.*

TRIFOLIUM *ochroleucum*. Dereham; and near Norwich. *S. P. Woodward, mss.*

ONOBRYCHIS *sativa*. Fields by Bungay, scarcely wild. *S. P. Woodward, mss.*

VICIA *lathyroides*. Road-side by the Bath Hills. *S. P. Woodward, mss.*

——— *angustifolia*. Abundant every where about Norwich. *S. P. Woodward, mss.*

LATHYRUS *Aphaca*. In a gravel-pit near Bungay. *S. P. Woodward, mss.*

POTENTILLA *argentea*. Abundant near Bungay; also near Norwich and Dereham. *S. P. Woodward, mss.*

COMARUM *palustre*. Abundant in every bog and many marshes in Norfolk; Felthorpe; Horning; Dereham; St. Faith's; Eaton; Bungay, &c. *S. P. Woodward, mss.*

ROSA *tomentosa*. Dereham. *S. P. Woodward, mss.*

SCLERANTHUS *perennis*. Common on all heaths, near Norwich, &c. *S. P. Woodward, mss.*

SEDUM *album*. Dereham, wild. *S. P. Woodward, mss.*

RIBES *nigrum*. Dereham. *S. P. Woodward, mss.*

CHRYSOSPLENIUM *alternifolium*. Stoke (query, as to the name). Lost at Poringland. *S. P. Woodward, mss.*

SISON *Amomum*. Lakenham; Dereham. *S. P. Woodward, mss.*

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FŒNICULUM *vulgare* Scarcely wild at Norwich; has grown in a hedge on the Bath Hills, Bungay, for many years. *S. P. Woodward, mss.*

SILAUS *pratensis.* Norwich; Dereham. *S. P. Woodward, mss.*

PASTINACA *sativa.* Dereham; abundant near Norwich. *S. P. Woodward, mss.*

TORILIS *infesta.* Norwich. *S. P. Woodward, mss.*

SMYRNIUM *Olusatrum.* Very common near Norwich. *S. P. Woodward, mss.*

VISCUM *album.* Dereham. *S. P. Woodward, mss.*

ASPERULA *Cynanchica.* Swaffham. *S. P. Woodward, mss.*

GALIUM *parisiense.* (Read "Walls of Binham Abbey; Carrow Abbey, by Norwich." — Page 132.)

DIPSACUS *pilosus.* Dereham. *S. P. Woodward, mss.*

TRAGOPOGON *porrifolius.* Norwich Castle Hill. *S. P. Woodward, mss.*

PRENANTHES *muralis.* Common near Bungay. *S. P. Woodward, mss.*

HIERACIUM *umbellatum.* Telegraph * *, near Norwich; Bath Hills, Bungay; Mosswold. *S. P. Woodward, mss.*

HYPOCHÆRIS *glabra.* In a sandy field, by the Bath Hills. *S. P. Woodward, mss.*

ONOPORDUM *Acanthium.* Abundant near Norwich. *S. P. Woodward, mss.*

CNICUS *acaulis.* Scarning Common. *S. P. Woodward, mss.*

ERIGERON *acris.* Plantation at Lakenham. *S. P. Woodward, mss.*

ASTER *Tripolium.* Abundant in the salt marshes near Yarmouth. *S. P. Woodward, mss.* (Perhaps inadvertently omitted in the 'Natural History of Yarmouth.')

CENTAUREA *Calcitrapa.* Road-side by the Thorpe Asylum. *S. P. Woodward, mss.* (The specimen from Burnham is C. solstitialis, but the locality has been accidentally given under C. Calcitrapa. — Page 133.)

CAMPANULA *Rapunculus.* Old walls at Earsham; Dereham. *S. P. Woodward, mss.*

MONOTROPA *Hypopitys.* Fir plantations near Bungay. *S. P. Woodward, mss.*

GENTIANA *Pneumonanthe.* Felthorpe; St. Faith's. *S. P. Woodward, mss.*

CHLORA *perfoliata.* Eradicated by botanists, at Ditchingham and Bath Hills; but still growing in a gravel-pit, with Lathyrus Aphaca. *S. P. Woodward, mss.*

CUSCUTA *Epithymum.* Stratton Strawless; St. Faith's; Felthorpe. *S. P. Woodward, mss.*

——— *europæa.* Clover-fields at Brooke, 1834. *S. P. Woodward, sp.*

ANCHUSA *sempervirens.* Really wild at Lakenham. *S. P. Woodward, mss.*

MYOSOTIS *cæspitosa.* Marshes at Thorpe, &c. *S. P. Woodward, mss.*

VERBASCUM *pulverulentum.* Near Norwich. *W. A. Bromfield, sp.*

——— *Lychnites.* Common in hedges, &c., the outcast of

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gardens, where it is treated as a weed only. *S. P. Woodward, mss.*

VERBASCUM *nigrum*. Common near Bungay. *S. P. Woodward, mss.*

ATROPA *Belladonna*. Wild at Thorpe, by Norwich. *S. P. Woodward, mss.*

SOLANUM *nigrum*. Abundant by Norwich. *S. P. Woodward, mss.*

ANTIRRHINUM *Orontium*. Common in fields by Norwich. *S. P. Woodward, mss.*

LYCOPUS *europæus*. Common in the marshes of Norfolk, excepting such as are salt. *S. P. Woodward, mss.*

MENTHA *sylvestris*. Lakenham marshes. *S. P. Woodward, mss.*

GALEOPSIS *Ladanum*. Chalk pits near Norwich. *S. P. Woodward, mss.*

——— *versicolor*. Hethersett. *S. P. Woodward, mss.*

GALEOBDOLON *luteum*. Common; Thorpe; Arminghall. *S. P. Woodward, mss.*

LAMIUM *incisum*. Lakenham; Dereham. *S. P. Woodward, mss.*

ACINOS *vulgaris*. Ellingham, near Bungay. *S. P. Woodward, mss.*

CALAMINTHA *officinalis*. Common near Norwich; Dereham. *S. P. Woodward, mss.*

OROBANCHE *ramosa*. Lakenham. *S. P. Woodward, mss.*

HOTTONIA *palustris*. Abundant near Norwich. *S. P. Woodward, mss.*

PRIMULA *elatior*. Lakenham; Stoke. *S. P. Woodward, mss.*

STATICE ———. All four species at Cley. *C. C. Babington, mss.*, who has favoured me with specimens of S. reticulata and spathulata, gathered there. *H. W.*

PLANTAGO *maritima*. Cley. *C. C. Babington, sp.*

CHENOPODIUM *fruticosum*. Cley. *C. C. Babington, sp.*

——— *olidum, murale, urbicum*. All at Norwich. *S. P. Woodward, mss.*

SALICORNIA *radicans*. (To this species, probably, are to be referred the specimens from Titchwell and Burnham.—Page 137.)

RUMEX *alpinus*. Blickling churchyard, near Aylsham. (Rev. Mr. Small.) *A. Bloxam, mss.*

——— *pulcher*. Common near Norwich and Bungay. *S. P. Woodward, mss.*

ARISTOLOCHIA *Clematitis*. Not wild at Carrow Abbey, it being in the Monks' garden; formerly grew in Tuck's Wood, really wild, but was removed by Mr. Mackie. *S. P. Woodward, mss.*

STRATIOTES *aloides*. Lynn Regis, 1826. *G. Howitt, sp.* Abundant in the peat holes, Royden Fen. *A. Bloxam, sp.*

HYDROCHARIS *Morsus-ranæ*. Abundant near Norwich. *S. P. Woodward, mss.*

SAGITTARIA *sagittifolia*. Abundant near Norwich. *S. P. Woodward, mss.*

ORCHIS *pyramidalis*. Abundant near Norwich. *S. P. Woodward, mss.*

OPHRYS *muscifera*. Gawdy Hall Wood, Norfolk. *C. C. Babington, mss.*

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NEOTTIA *spiralis*. Near Bungay and Stoke. *S. P. Woodward, mss.*
NARCISSUS *Pseudo-narcissus*. Wild at Dereham; Lakenham; &c. *S. P. Woodward, mss.*
TAMUS *communis*. Common near Norwich, Dereham, &c. *S. P. Woodward, mss.*
ASPARAGUS *officinalis*. Sea-shore opposite the Monument. *S. P. Woodward, mss.*
CONVALLARIA *majalis*. Really wild at Thorpe and Tuck's Woods; Dereham. *S. P. Woodward, mss.*
TULIPA *sylvestris*. All the plants were removed, by a lady, from the chalk pit at Carrow Abbey to her garden, where they soon died; formerly grew at Beacondale. *S. P. Woodward, mss.*
LEMNA ——. All common near Norwich. *S. P. Woodward, mss.*
JUNCUS *obtusiflorus*. Brome Fen. *S. P. Woodward, mss.*
ELEOCHARIS *acicularis*. Brome Fen. *S. P. Woodward, mss.*
CLADIUM *Mariscus*. Royden Fen. *A. Bloxam, mss.*
SCHŒNUS *nigricans*. Dereham; Ellingham. *S. P. Woodward, mss.* Royden Fen. *A. Bloxam, mss.*
BLYSMUS *compressus*. Lakenham Marshes. *S. P. Woodward, mss.*
CAREX *intermedia*. Lakenham. *S. P. Woodward, mss.* (Read Mauthy. — Page 141.)
—— *teretiuscula*. Surlingham. *S. P. Woodward, mss.*
—— *Pseudo-cyperus*. Lakenham. *S. P. Woodward, mss.*
—— *Œderi*. Brome. *S. P. Woodward, mss.*
—— *stricta*. Bungay. *S. P. Woodward, mss.* In an old moat about half a mile above Royden Fen. *A. Bloxam, mss.*
—— *filiformis*. Surlingham. *S. P. Woodward, mss.*
POLYPOGON ——. A specimen of each from Mr. Babington.
AGROSTIS *Spica-Venti*. Thorpe.
BROMUS *secalinus*. Field by Bungay. *S. P. Woodward, mss.*
—— *arvensis*. Dereham; lost at Earsham. *S. P. Woodward, mss.*
AVENA *fatua*. Dereham; Lakenham. *S. P. Woodward, mss.*
DIGITARIA *humifusa*. Sandy fields by Bungay. *S. P. Woodward, mss.*

XV. CAMBRIDGESHIRE.*

ANEMONE *Pulsatilla*. Flam Dyke, near Fulbourne; Westhoe Park, near Linton. *W. H. Coleman, mss.*
MYOSURUS *minimus*. Not found of late years. *C. C. Babington, mss.*
RANUNCULUS *parviflorus*. Under the hedge of the nursery ground near Grantchester church. *W. H. Coleman, mss.*

* Henslow's Catalogue of British Plants includes a corrected list of Cambridgeshire plants.

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HELLEBORUS *viridis*. In the last close of Great Shelford; by the road to Red Cross Turnpike. *W. H. Coleman, mss.* (Read Bigwin Closes. — Page 143.)

PAPAVER *hybridum*. Between Royston and Melbourne. *W. H. Coleman, mss.*

GLAUCIUM *violaceum*. (Read "Burwell" and "probably not wild." — Page 144.)

IBERIS *amara*. About half a mile to the right of the road from Royston to Melbourne. *W. H. Coleman, sp.*

ERYSIMUM *cheiranthoides*. Coe Fen; Teversham. *W. H. Coleman, mss.*

NASTURTIUM *sylvestre*. Banks of the Cam, between Bat's-bight and Clayhithe. *W. H. Coleman, mss.*

ARENARIA *tenuifolia*. Chippenham Park; Devil's Ditch, near Stetchworth. *W. H. Coleman, mss.*

GERANIUM *pyrenaicum*. Newnham, in a close by the path to Grantchester; near Red Cross Turnpike. *W. H. Coleman, mss.*

IMPATIENS *Noli-me-tangere*. (Probably a mistake. *Mr. C. C. Babington.* — Page 145.)

LATHYRUS *Aphaca*. Ditch a little beyond the Observatory, towards Madingley. *J. E. Leefe, mss.*

HIPPOCREPIS *comosa*. Cherry Hinton. *J. E. Leefe, sp.*

TRIFOLIUM *ochroleucum*. Between Coton and Madingley; about Eversden Wood. *W. H. Coleman, mss.*

ASTRAGALUS *glycyphyllus*. Long Lane, Grantchester; between Trumpington and Grantchester; Barton Turnpike; Teversham; Hildersham. *W. H. Coleman, mss.*

——— *hypoglottis*. Between Newmarket and Chippenham; Fleam Dyke. *W. H. Coleman, mss.*

MEDICAGO *maculata*. Common near Cambridge. *C. C. Babington, mss.*

POTENTILLA *verna*. Newmarket Heath. *W. H. Coleman, mss.*

ROSA *tomentosa*. Madingley and Kingston Woods; Coton; Grantchester; Hinton; Teversham; Hildersham. *W. H. Coleman, mss.*

—— *arvensis* ("ramis hyspidis"). In a close adjoining Coton Cross. *W. H. Coleman, mss.*

SANGUISORBA *officinalis*. In a plantation by the great watercourse on Fulbourn Moor. *W. H. Coleman, mss.*

MYRIOPHYLLUM *verticillatum*. Quey. *Fl. Cant.*

CAUCALIS *daucoides*. Very scarce, having only been found, of late years, near Swaffham Prior and Burwell. *C. C. Babington, mss.* (Refer to "*Fl. Cant.*" — Page 147.)

CARUM *Carui*. Christ College Pieces; Stourbridge Fair Green; Meadows near the Windmills, Wisbeach. *Fl. Cant.*

SIUM *latifolium*. In the brook bteween Barton and Grantchester; not common, as is implied by Relhan. *W. H. Coleman, mss.*

PETROSELINUM *segetum*. From Relhan's station all along the hedge to the gate of St. John's grounds; by a little stream on the right of the footpath to Coton; and in several places in the first mile of the Barton Road. *W. H. Coleman, mss.*

LONICERA *Caprifolium*. By the footpath from Little to Great Evers-

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den; in a hedge near Grantchester Mill. *W. H. Coleman, mss.*

DIPSACUS *pilosus*. In a plantation beside the tail-stream of Grantchester Mill. *W. H. Coleman, mss.*

CNICUS *eriophorus*. Hill near Linton, by the road from Hildersham; about Eversden Wood; bushy closes by the seventh milestone on the road to St. Neot's. *W. H. Coleman, mss.*

CINERARIA *campestris*. Devil's Ditch near Stetchworth. *W. H. Coleman, mss.*

ERYTHRÆA *pulchella*. Shelford Common. *W. H. Coleman, mss.*

CHLORA *perfoliata*. Chalk pit, Madingley; about Eversden Wood; balks, pastures, &c. by the road to Impington. *W. H. Coleman, mss.*

MYOSOTIS *collina*. Linton. *C. C. Babington, sp.*

SYMPHYTUM *tuberosum*. (Add the reference "*B. G.*;" but there is perhaps some mistake. — Page 149.)

VERONICA *spicata*. This has not been found, for the last year or two. *C. C. Babington, mss.* (Erase the semicolon after "furze," and introduce one after "Beacon." — Page 150.)

MENTHA *piperita*. Wet hollow in the copse by Coton Turnpike. *W. H. Coleman, mss.*

——— *sylvestris*. Coe Fen; Coton Cross; between Coton and the Oxford Road. *W. H. Coleman, mss.*

EUPHORBIA *stricta*. Brickfield by the Oxford Road, beyond the Observatory. *W. H. Coleman, mss.*

ORCHIS *ustulata*. Fleam Dyke, abundantly. *W. H. Coleman, mss.*

LIPARIS *Loeselii*. Burwell Fen. *C. C. Babington, sp.*

ACERAS *anthropophora*. Furze hills, Hildersham. *W. H. Coleman, mss.*

OPHRYS *apifera*. Fleam Dyke; Westhoe Park; Trumpington Mill lane plantation. *W. H. Coleman, mss.* (To this species belongs a specimen misplaced to O. muscifera. — Page 153.)

IRIS *fœtidissima*. Eversden Wood; Histon; Fellow's Grounds, St. John's. *W. H. Coleman, mss.*

MUSCARI *racemosum*. Road side between Wort's Causeway and the great chalk-pit, Cherry Hinton, near Cambridge. *W. H. Coleman, sp.*

ACORUS *Calamus*. Marshy ground at Chesterton, below the Ferry; nearly opposite Fen Ditton; above Bat's-bight sluice. *W. H. Coleman, mss.*

TYPHA *angustifolia*. Pools in the brickfield beyond the Observatory; in a pond nearly opposite the 'Cherry-Tree,' on the road to Oxford. *W. H. Coleman, mss.*

POTAMOGETON *zosteræfolius*. In great plenty in a ditch at "Bait's-bite," near Cambridge. *Mag. Nat. Hist.*

CLADIUM *Mariscus*. Pools in the brickfield, beyond the Observatory. *W. H. Coleman, mss.*

SCHŒNUS *nigricans*. (The generic name of this is omitted, the misprint making it appear as a species of Cladium. — Page 154.)

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CAREX *Pseudo-cyperus*. Kingston Wood, in a swampy place on the north side. *W. H. Coleman, mss.*

——— *filiformis*. Teversham Moor; pools in the brick-field beyond the Observatory. *W. H. Coleman, mss.*

PHLEUM *Boehmeri*. Furze hills, Hildersham. *W. H. Coleman, mss.* (The specific name of this is omitted. — Page 154.)

CALAMAGROSTIS *Epigejos*. Plantations by Fulbourn Moor; Teversham Moor; Hill near Linton, by the back road from Hildersham. *W. H. Coleman, mss.*

——————— *lanceolata*. Erase the semicolon after "Wood Ditton." — Page 154.)

XVII. BEDFORDSHIRE.

CLEMATIS *Vitalba*. Between Bedford and Thurleigh. *J. E. Leefe, mss.*

GERANIUM *sanguineum*. Potton. *Fl. Bed. Add.*

ASTRAGALUS *hypoglottis*. (Refer to "*B. G.*," not "*Fl. Bed.*" — Page 157.)

TRIFOLIUM *hybridum*. Caldwell pastures. *Fl. Bed. Add.*

TORILIS *infesta*. Common. *Fl. Bed.*

CAMPANULA *glomerata*. Luton. *J. Anderson, mss.*

——————— *latifolia*. Leighton Buzzard, in a wood near the Canal. *J. Anderson, mss.*

VERBASCUM *nigrum*. Luton, abundant. *J. Anderson, mss.*

ANTIRRHINUM *Orontium*. Leighton Buzzard Heath. *J. Anderson, mss.*

MENTHA *sylvestris*. (Refer to "*B. G.*," not to "*Fl. Bed.*" — Page 159.)

ORCHIS *pyramidalis*. Common. *Fl. Bed.*

OPHRYS *aranifera*. Southill. *Fl. Bed. Add.*

EPIPACTIS *grandiflora*. Luton Park, under the beech trees. *J. Anderson, mss.*

ORNITHOGALUM *nutans*. Near Ampthill, scarcely wild. *J. E. Leefe, mss.*

XVIII. BUCKINGHAMSHIRE.

VISCUM *album*. Ipston. *Walk. Oxf.*

PYROLA *media*. (Read "*W. Pamplin, mss.*," as the authority for the first locality. The second station is to be referred to Pyrola minor, as given on the next page. — Page 162.)

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PYROLA *minor*. Woods at Loudwater, near High Wycombe. *B. G.*

MONOTROPA *Hypopitys*. In a wood between Henley and Great Marlow. *Winch, add.* (This locality was introduced under 'Berkshire' in the former volume; but it may be in the present county, or in Oxfordshire, so far as can be gathered from the description of it.)

CHLORA *perfoliata*. (Read "Clifden."—Page 162.)

ORCHIS *militaris*. Between Henley and Fawley; between High Wycombe and Hitchenden. *Eng. Bott. Supp.*

HERMINIUM *monorchis*. Near Great Kimble. *Walk. Oxf.*

OPHRYS *muscifera*. In a beech wood near Henley, near the road to Fawley, almost opposite Fawley Court. *Walk. Oxf.*

XIX. BERKSHIRE.

IBERIS *amara*. Corn fields between Streatley and Pangbourn, 1833. *W. Pamplin, mss.*

TEESDALIA *nudicaulis*. Pond bank near Tubney. *Walk. Oxf.*

SINAPIS *tenuifolia*. On the walls of the royal gardens, Windsor. *W. Hurst, mss.*

DIANTHUS *Armeria*. Englefield. *Walk. Oxf.*

SILENE *quinquevulnera*. (Refer to "*Winch, Add.*" not "*B. G.*"—Page 163.)

ASTRAGALUS *glycyphyllus*. Between the two Hinkseys; beyond South Hinksey, not uncommon. *Walk. Oxf.*

LATHYRUS *Nissolia*. Near the old stone pits about half a mile south-west from South Hinksey. *Walk. Oxf.*

PYRUS *Aria*. Streatley. *Walk. Oxf.*

BUPLEURUM *rotundifolium*. Between Ferry Hinksey and Cumnor Hurst. *Walk. Oxf.*

ASPERULA *cynanchica*. Pangbourn. *Walk. Oxf.*

MONOTROPA *Hypopitys*. Near Buckland. *Walk. Oxf.*

CUSCUTA *europæa*. Road to Hinksey. *Walk. Oxf.* (Read "Taplow."—Page 164.)

——— *Epithymum*. Tilehurst Common. *Walk. Oxf.*

OROBANCHE *minor*. The reference should be "*Midl. Fl.*"—Page 165.)

VERBASCUM *nigrum*. Road between Besselsleigh and Appleton Common. *Walk. Oxf.*

ATROPA *Belladonna*. Tilehurst Common; Englefield. *Walk. Oxf.*

LINARIA *repens*. Pangbourn; in a clay pit near a lane leading off the Theale road, to Mr. Wilder's, Purley. *Walk. Oxf.*

ANAGALLIS *cærulea*. In a corn field south-west of South Hinksey *Walk. Oxf.*

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ASARUM *europæum*. (Mr. Hurst sought it in vain, in the locality named. *W. Pamplin, mss.* — Page 165.)
DAPHNE *Mezereum*. Appleton Common. *Walk. Oxf.*
THESIUM *linophyllum*. Streatley. *Walk. Oxf.*
ORCHIS *pyramidalis*. Slope of the hill opposite Basildon Grotto; old stone pit about half a mile west of S. Hinksey. *Walk. Oxf.*
——— *tephrosanthes*. Goring, near Reading. *Walk. Oxf.*
OPHRYS *apifera*. Near some old stone pits, south-west of South Hinksey. *Walk. Oxf.*
CONVALLARIA *multiflora*. (For "*Eng.*" read "*Midl.*" — Page 165.)
AVENA *fatua*. Rose Hill. *Walk. Oxf.*
ELYMUS *europæus*. Not rare in Berkshire. *Eng. Fl.*

XX. OXFORDSHIRE.

MYOSURUS *minimus*. Between Bayswater and Stanton St. John's. *Walk. Oxf.*
RANUNCULUS *parviflorus*. Elsfield; Abingdon road, near Oxford. *Walk. Oxf.*
HELLEBORUS *viridis*. In a wood at Mungewell. *Walk. Oxf.*
DELPHINIUM *Consolida*. Banbury. *Walk. Oxf.*
PAPAVER *somniferum*. Between St. Clement's and Cowley Marsh. *Walk. Oxf.*
CAMELINA *sativa*. Third field past Joe Pullen's tree, to Headington Hill. *Walk. Oxf.*
CARDAMINE *amara*. Side of the Canal, between Oxford and Wolvercot; side of the towing path between High Bridge and Heyfield's Hut; between St. Clement's and Marston; banks of the Cherwell. *Walk. Oxf.*
ARENARIA *tenuifolia*. Cheney Lane. *Walk. Oxf.*
CERASTIUM *arvense*. Between Elsfield and Noke Lane, at the back of the Red Lion in Stow Wood; road crossing the Hundred Acres, Bullingdon. *Walk. Oxf.*
HYPERICUM *Androsæmum*. In a ditch on the top of Shotover Hill, a little before you come to the gate leading to Mr. Shutz's. *Walk. Oxf.*
RHAMNUS *catharticus*. Magdalen College Walks. *Walk. Oxf.*
MEDICAGO *maculata*. Christchurch Meadow; between St Clement's and Iffley, growing near Salvia verbenaca. *Walk. Oxf.*
HIPPOCREPIS *comosa*. Headington Quarry; Henley. *Walk. Oxf.*
TRIFOLIUM *scabrum*. Side of the road between the Asylum and Shotover Hill; old stone pits on Bullingdon Green; Shotover Hill, by the old London road. *Walk. Oxf.*

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TRIFOLIUM *incarnatum*. The recently introduced Trifolium incarnatum is already growing wild in Oxfordshire. *E. Lees, mss.*

LOTUS *tenuis*. In the broad green-sward path, leading off the Cowley road, near the gate, up to the Asylum. *Walk. Oxf.*

ASTRAGALUS *glycyphyllus*. Side of a ditch round Headington Copse, near Marston Lane; Cuddesdon, near the Palace. *Walk. Oxf.*

VICIA *angustifolia*. Hills between Wytham and Ensham Bridge. *Walk. Oxf.*

LATHYRUS *Aphaca*. Hedge on the side of Cowley Marsh, between the Roman Catholic Chapel and the Asylum; meadow near the Iffley. *Walk. Oxf.*

——— *Nissolia*. Between the old and new road to Ensham, about half a mile from the bridge. *Walk. Oxf.*

——— *sylvestris*. Side of a ditch round Headington Copse, not far from Marston Lane. *Walk. Oxf.*

ROSA *tomentosa* (sylvestris). Oxfordshire. *Lindl. Syn.*

PYRUS *torminalis*. Bagley Wood. *Walk. Oxf.*

BUPLEURUM *rotundifolium*. Corn fields on Bullingdon Green. *Walk. Oxf.*

ŒNANTHE *peucedanifolia*. Bogs under Bullingdon Green. *Walk. Oxf.*

LONICERA *Caprifolium*. In a wood near Elsfield, plentifully. *Walk. Oxf.* Bagley Wood, near Oxford, 1835, many plants and apparently wild. *W. T. Bree, mss.*

DIPSACUS *pilosus*. Near Thame Park. *Fl. Oxon.* Ditch near Bayswater. *Walk. Oxf.*

FEDIA *dentata*. By the road side between Shotover Hill and Bullingdon Green. *Walk. Oxf.*

GALIUM *tricorne*. Between Cowley Marsh and Rose Hill; Wheatley Road; Headington Quarry; between Tuckley and Northbrook. *Walk. Oxf.* (G. spurium of Fl. Oxon. is given as a synonym of this species, by Walker.)

——— *erectum*. Henley. *Fl. Oxon.*

LACTUCA *virosa*. Side of the New Road, going from Botley to Ensham. *Walk. Oxf.*

PRENANTHES *muralis*. Magdalen College; Long Wall, &c. *Walk. Oxf.*

HIERACIUM *sylvaticum*. Magdalen College Walks. *Walk. Oxf.*

——— *amplexicaule*. Walls in and about Oxford. *W. Pamplin, mss.*

CNICUS *eriophorus*. Near Stow Wood; South Leigh. *Fl. Oxon.*

PULICARIA *vulgaris*. Horton road, leading on to Otmoor. *Walk. Oxf.*

SENECIO *saracenicus*. Shotover plantations. *Walk. Oxf.*

CAMPANULA *glomerata*. Bullingdon Green. *Walk. Oxf.*

——— *Trachelium*. Magdalen College Copse, under Shotover Hill. *Walk. Oxf.*

——— *rapunculoides*. (Refer to "*Eng. Fl.*" not "*Fl. Oxon.*"—Page 169.)

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PYROLA *media*. Wood about half a mile from Henley. *Walk. Oxf.*

CHLORA *perfoliata*. Stone pit near the old road to Ensham. *Walk. Oxf.*

VILLARSIA *nymphæoides*. Near Medley Lock, abundant; between Sandford and Newnham. *Walk. Oxf.*

POLEMONIUM *cæruleum*. Sought unsuccessfully in 1833. *W. Pamplin, mss.*

ANCHUSA *sempervirens*. Ronsham. *Walk. Oxf.*

MYOSOTIS *cæspitosa*. Sides of old gravel pits, and in wet places near St. Clement's, especially on the left hand side of a footpath leading from the back of St. Clement's, between the Cowley and Henley roads to Cowley Marsh. *Walk. Oxf.*

ATROPA *Belladonna*. Woodstock Park, near the Monument. *Walk. Oxf.*

LINARIA *spuria*. Between St. Clement's and Cowley Marsh; between Bullingdon Green and Shotover Hill. *Walk. Oxf.*

——— *Elatine*. Same places as L. spuria. *Walk. Oxf.*

LIMOSELLA *aquatica*. Port Meadow; Cowley Marsh. *Walk. Oxf.*

VERONICA *Buxbaumii*. Plentiful amongst turnips, in a field adjoining the Bird-in-hand Inn, Burford. *Walk. Oxf.*

MENTHA *Pulegium*. On a common near Ipsdon. *Walk. Oxf.*

GALEOPSIS *versicolor*. Near Bladon. *Walk. Oxf.*

LAMIUM *incisum*. Between Rose Hill and Cowley. *Walk. Oxf.*

CALAMINTHA *officinalis*. Cowley Marsh. *Walk. Oxf.*

——— *Nepeta*. Bank on the side of the Abingdon road, going through Bagley Wood. *Walk. Oxf.*

OROBANCHE *minor*. Woods about Ewelme; above Headington Wick Copse. *Walk. Oxf.*

ANAGALLIS *arvensis* (cærulea). Beyond Cowley Marsh, under Bullingdon Green. *Walk. Oxf.*

CHENOPODIUM *olidum*. Binsey. *Fl. Oxon.*

RUMEX *maritimus*. Otmoor, on the side of the road to Oddington. *Walk. Oxf.*

ARISTOLOCHIA *Clematitis*. On the mound south and west of Godstow Nunnery, 1832. *Walk. Oxf.*

SALIX *Hoffmanniana*. Common almost every where about Oxford. *Walk. Oxf.*

——— *decipiens*. Christ Church Meadow. *Walk. Oxf.*

SAGITTARIA *sagittifolia*. Dorchester. *Fl. Oxon.*

ORCHIS *pyramidalis*. Road side between Whitney and Burford. *Walk. Oxf.*

——— *militaris*. Beech Woods between Fawley Court and Bixgibwen, about a mile and a half from Henley. *Walk. Oxf.*

——— *ustulata*. Road from Ensham to Abingdon. *Walk. Oxf.*

OPHRYS *apifera*. South side of Shotover Hill. *Walk. Oxf.*

——— *aranifera*. Not found about Wheatley, in 1831. *Walk. Oxf.*

NARCISSUS *Pseudo-narcissus*. North side of Shotover Hill; Bagley Wood. *Walk. Oxf.*

ORNITHOGALUM *nutans*. Magdalen College Meadow. *Walk. Oxf.*

——— *umbellatum*. Copse near Sandford Tollgate. *Walk. Oxf.*

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FRITILLARIA *Meleagris*. Standlake. *Walk. Oxf.*
COLCHICUM *autumnale*. Church Handborough. *Walk. Oxf.*
TYPHA *angustifolia*. Banks of the Cherwell near King's Mill, and Marston. *Walk. Oxf.*
ACORUS *Calamus*. Between Iffley and Sandford. *Walk. Oxf.*
LUZULA *Forsteri*. Beech wood about a mile and a half from Henley, near the road to High Wycombe. *Walk. Oxf.*
BLYSMUS *compressus*. Under Bullingdon. *Walk. Oxf.*
ELEOCHARIS *acicularis*. Port Meadow, near Medley Lock; side of the Canal, going from Oxford to Wolvercot. *Walk. Oxf.*
ERIOPHORUM *pubescens*. Bog near Stow Wood; bogs near Headington Wick Copse. *Walk. Oxf.*
CAREX *Pseudo-cyperus*. Ditch bank at the foot of the bridge, in Binsey Lane. *Walk. Oxf.*
CALAMAGROSTIS *Epigejos*. Copse near Horspath, by the foot-path; furze field near Bullingdon Green. *Walk. Oxf.*
AGROSTIS *setacea?* Southleigh; Stanton St. John's. *Walk. Oxf.* (Walker quotes Sibthorpe, for the localities, from which it is presumed that A. mutabilis of the latter is intended, but Smith gives A. mutabilis (Knapp.), as a synonym of A. alba.)
FESTUCA *bromoides*. Headington. *Fl. Oxon.*
BROMUS *racemosus*. Cowley Fields; Cheney Lane; meadows between St. Clement's and Iffley. *Walk. Oxf.*
——— *erectus*. Ditchley; not rare in Oxfordshire. *Walk. Oxf.*
——— *diandrus*. Iffley. *Fl. Oxon.* Old walls about Oxford. *Walk. Oxf.*
BRACHYPODIUM *pinnatum*. Shadwell Copse. *Walk. Oxf.*
LOLIUM *temulentum*. Rare about Oxford. *Walk. Oxf.*
ELYMUS *europæus*. Not rare in Oxfordshire. *Eng. Fl.*

XXI. NORTHAMTONSHIRE.

LOTUS *tenuis*. Dudston, near Northampton. *J. Anderson, mss.*
ASTRAGALUS *glycyphyllus*. (Read Ringstead. — Page 174.)
SEDUM *album*. On several walls at Upper Heyford. *Walk. Oxf.*
SISON *Amomum*. Delapre. *J. Anderson, mss.*
PIMPINELLA *magna*. Haughton, Northamptonshire. *J. Anderson, mss.*
ŒNANTHE *Phellandrium*. Haughton. *J. Anderson, mss.*
SILAUS *pratensis*. Meadows near Kingsthorpe. *J. Anderson, mss.*
PASTINACA *sativa*. Abington, near Northampton. *J. Anderson, mss.*
ERYNGIUM *campestre*. No longer to be found at Brockhall; the last specimens were gathered there in 1834. *J. Anderson, mss.*

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GALIUM *erectum*. Castle Hill, Northampton. *J. Anderson, mss.*
HIERACIUM *umbellatum*. Heathy ground called the Kippon, and on the links near Kettering, very frequently. *Hist.*
CREPIS *biennis*. Dallington. *J. Anderson, mss.*
ERIGERON *acris*. (Refer to "*Hist.*" not "*B. G.* — Page 175.)
CAMPANULA *latifolia*. Cransley Wood. *Walk. Oxf.*
VERBASCUM *Blattaria*. Not found near Northampton. *J. Anderson, mss.*
MENTHA *sylvestris*. Cotton End, near Northampton. *J. Anderson, mss.*
SALVIA *pratensis*. Has not grown at Kingsthorpe, in the last four years; but S. verbenaca is abundant. *J. Anderson, mss.*
RUMEX *pulcher*. Castle Hill, Northampton. *J. Anderson, mss.*
ULMUS *glabra, major, carpinifolia*. All near Bugbrook. *J. Anderson, mss.*
SALIX *Hoffmanniana*. Kingsthorpe. *J. Anderson, mss.*
—— *decipiens*. Kingsthorpe. *J. Anderson, mss.*
—— *Lambertiana*. Near the Paper-mills, Northampton. *J. Anderson, mss.*
—— *amygdalina*. Cotton End. *J. Anderson, mss.*
CAREX *divulsa*. Side of the turnpike road at (Kislingbury?) *J. Anderson, mss.*
CALAMAGROSTIS *Epigejos*. Upton Woods. *J. Anderson, mss.*
BROMUS *racemosus*. Near Dudston Mill. *J. Anderson, mss.*
AVENA *fatua*. Upper Heyford, abundant. *Walk. Oxf.*
BRACHYPODIUM *pinnatum*. Between Upper Heyford and Northbrook. *Walk. Oxf.*

XXII. RUTLANDSHIRE.

ANAGALLIS *arvensis* (cærulea). About North Luffenham, near Stamford. *Eng. Fl.*

XXIII. LEICESTERSHIRE.

RANUNCULUS *parviflorus*, On a small bank in the village of Newton. *A. Bloxam, mss.* Braunston. *Churchill Babington, mss.*
MYOSURUS *minimus*. Garden at Sheepshead. *Churchill Babington, mss.*
CORYDALIS *claviculata*. Abundant on the Whitwick Rocks, and at Bardon Hill. *Ch. Babington, mss.*

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TEESDALIA *nudicaulis*. Charnwood Forest, in many places. *Ch. Babington, mss.* Grooby and Markfield. *G. Howitt, mss.*

ALYSSUM *calycinum*. Charnwood Forest, 1836. *A. Bloxam, sp.* In a field near the Thrinkstone Rocks. *Ch. Babington, sp.* (The same locality?)

CAMELINA *sativa*. Thrinkstone, among newly sown grass, in 1833, but not appearing since. *Ch. Babington, sp.*

CARDAMINE *amara*. Banks of the Sence, near Congerstone. *A. Bloxam, mss.* Gracedieu. *Ch. Babington, mss.*

——— *impatiens*. The rev. A. Bloxam and Mr. Churchill Babington, have each sought it in the localities mentioned, but without success.

VIOLA *flavicornis*. Charnwood Forest, and road side between Heather and Ibstock. *A. Bloxam, mss.*

DIANTHUS *deltoides*. Grooby Knolls. *Ch. Babington, sp.*

MŒNCHIA *erecta*. Reservoir, Charnwood Forest; also near the new Church. *Ch. Babington, mss.*

RHAMNUS *catharticus*. Near the sign post between Congerstone and Carlton, near Shakerston. *A. Bloxam, mss.* Gracedieu. *Ch. Babington, mss.*

ULEX *nanus*. Charnwood Forest. *Ch. Babington, mss.*

ONONIS *spinosa*. Not rare; near Glenfield; Congerstone. *A. Bloxam, mss.*

TRIFOLIUM *scabrum*. (The species at Ayleston is T. striatum. *Rev. A. Bloxam.*—Page 178.)

LOTUS *tenuis*. Near Congerstone. *A. Bloxam, sp.* Thrinkstone. *Ch. Babington, sp.* Between Evington and Leicester. *G. Howitt, mss.*

LATHYRUS *sylvestris*. Between Market Bosworth and Sutton, pointed out to me by the rev. Mr. Small. *A. Bloxam, mss.* (Mr. Bloxam says that Stocking Wood, frequently mentioned in the Botanist's Guide, has been long cut down; the ground being now under cultivation.)

POTENTILLA *argentea*. Buddon Wood. *Ch. Babington, sp.* Grooby Lodge. *G. Howitt, mss.*

SANGUISORBA *officinalis*. Meadows about Congerstone. *A. Bloxam, mss.* Near Ashby de la Zouch, near the Outwoods. *Ch. Babington, mss.*

ROSA *spinosissima*. Gracedieu Wood. *Ch. Babington, sp.*

——— *tomentosa*. Sibson Lane, near Congerstone; also between Measham and Ashby de la Zouch. *A. Bloxam, mss.*

PYRUS *communis*. A few trees about Bosworth; one tree in the hedge bounding the west side of Bosworth Park. *A. Bloxam, mss.*

EPILOBIUM *roseum*. On the railroad below Desford. *A. Bloxam, mss.*

CALLITRICHE *autumnalis*. In ditches between Leicester and Aylston; also in the Soar, near Leicester Abbey. *G. Howitt, mss.* (This is introduced in the chance that Dr. Howitt may intend the real C. autumnalis. See the remarks on page 588.)

CERATOPHYLLUM *demersum*. Ponds about Bosworth. *A. Bloxam, mss.*

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BRYONIA *dioica*. Mount Sorrel. *Ch. Babington, mss.*

RIBES *nigrum*. Thrinkstone. *Ch. Babington, sp.*

APIUM *graveolens*. In a ditch opposite Mr. Neale's house, in Bilston, near Congerstone. *A. Bloxam, mss.* (Read Turlangton. —Page 178.)

SISON *Amomum*. Common about Congerstone. *A. Bloxam, mss.*

BUPLEURUM *rotundifolium*. Beaumont Lees. *G. Howitt, mss.*

PIMPINELLA *magna*. Frequent near Leicester. *G. Howitt, mss.* At Newbold Verdun and Congerstone. *A. Bloxam, mss.*

ŒNANTHE *Phellandrium*. Meadows between Leicester and Ayleston. *G. Howitt, sp.* River Sence, near Congerstone. *A. Bloxam, mss.*

——— *peucedanifolia*. Sparingly by the Ashby Canal, near Congerstone; also found by the rev. Mr. Small, on the bank of the same Canal, below Sutton * * Wood. *A. Bloxam, mss.*

SILAUS *pratensis*. Not uncommon. *Ch. Babington, sp.* Congerstone. *A. Bloxam, mss.*

PETROSELINUM *sativum*. In a hedge near the Aqueduct at Shenton. *A. Bloxam, mss.*

PEUCEDANUM *officinale*. (Not found in Leicestershire. Rev. A. Bloxam.—Page 178.)

PASTINACA *sativa*. By the side of the Canal near Congerstone. *A. Bloxam, mss.*

FEDIA *dentata*. Braunston, near Leicester. *A. Bloxam, mss.*

LACTUCA *virosa*. Between Gopsal Park and the Ashby de la Zouch Lodge. *A. Bloxam, mss.*

SONCHUS *palustris*. (The station at Gracedieu is erroneous. Rev. A. Bloxam.—Page 178.)

HIERACIUM *sylvaticum*. Between Twycross and the entrance Lodge to Gopsal Park. *A. Bloxam, mss.*

——— *paludosum*. Gracedieu Wood. *Ch. Babington, sp.*

——— *umbellatum*. Between Twycross and the entrance Lodge to Gopsal Park; near Congerstone. *A. Bloxam, sp.*

CNICUS *eriophorus*. Road side between Braunston and Kirby Muxloe. *A. Bloxam, mss.*

——— *pratensis*. Meadow below Ulverscroft Cottage in Charnwood Forest. *A. Bloxam, mss.* Bardon Hill; also near the Outwoods. *Ch. Babington, mss.*

ERIGERON *acris*. Breedon Hill; near Leicester. *A. Bloxam, sp.*

DORONICUM *Pardalianches*. In plantations at Gopsal, wild now. *A. Bloxam, mss.*

CAMPANULA *latifolia*. Gracedieu Wood. *Ch. Babington, sp.* Wood near Bosworth Park. (Rev. Mr. Small.) *A. Bloxam, mss.*

——— *patula*. Buddon Wood. *Ch. Babington, sp.*

MYOSOTIS *cæspitosa*. Near Ayleston, by the Canal. *G. Howitt, sp.* Gracedieu. *Ch. Babington, sp.* Congerstone. *A. Bloxam, mss.*

ANCHUSA *officinalis*. Sibson Lane, near Congerstone. (Miss Ann Roby.) *A. Bloxam, mss.* (I should fear that it must have been introduced there. *H. W.*)

SOLANUM *nigrum*. Frequent in gardens at Leicester. *G. Howitt, sp.*

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LYCOPUS *europæus*. Banks of the Canal near Belgrave. *G. Howitt, mss.* Congerstone; Shakerston; common in the county. *A. Bloxam, mss.*

MENTHA *sylvestris*. Grooby Lodge. *G. Howitt, mss.* (Introduce a semicolon after Loughborough.—Page 179.)

GALEOPSIS *Ladanum*. Gear Grooby Lodge. *G. Howitt, sp.*

LAMIUM *incisum*. In a vetch field near Loughborough. *Ch. Babington, sp.* Leicester Abbey gardens. *G. Howitt, sp.*

HOTTONIA *palustris*. Near Cavendish Bridge. *A. Bloxam, mss.*

CHENOPODIUM *polyspermum*. Beaumont Lees, near Leicester. *G. Howitt, sp.*

RUMEX *maritimus*. (This name is to be substituted for "Rumex palustris," on page 180. Mr. Bloxam has sent me a specimen of Rumex which he is inclined to believe either R. aquaticus or R. pratensis. The locality is, "old gravel pits in the Pastures, Congerstone.")

EUPHORBIA *amygdaloides*. Gracedieu Wood. *Ch. Babington, mss.*

ARISTOLOCHIA *Clematitis*. Leicester Abbey. (Mr. Eddison.) *G. Howitt, sp.*

ULMUS *suberosa* and *glabra*. Congerstone. *A. Bloxam, mss.*

QUERCUS *sessiliflora*. Not uncommon. *Ch. Babington, mss.*

CARPINUS *Betulus*. Between Bosworth and Shenton. *A. Bloxam, mss.*

SALIX *triandra* and *Helix*. Loughborough. *Ch. Babington, sps.*

SAGITTARIA *sagittifolia*. River Sence, Ashby Canal, and ponds, at Congerstone. *A. Bloxam, mss.*

HABENARIA *chlorantha*. Oakley Wood; Cloud Wood. *Ch. Babington, mss.*

NARCISSUS *Pseudo-narcissus*. Perfectly neutralised near Gracedieu Abbey. *Ch. Babington, sp.*

GALANTHUS *nivalis*. Bradgate ruins, 1826. *G. Howitt, sp.* Gracedieu Wood, very sparingly. *Ch. Babington, sp.*

TAMUS *communis*. Not rare; about Congerstone, &c. *A. Bloxam, mss.*

CONVALLARIA *majalis*. Martinshaw Wood, near Grooby. *G. Howitt, sp.* Plantations at Gopsal. *A. Bloxam, mss.* Oakley Wood. *Ch. Babington, mss.*

——————*multiflora*. White-horse Wood. *Ch. Babington, mss.*

FRITILLARIA *Meleagris*. The white and red varieties growing together. *Ch. Babington, sp.*

LILIUM *Martagon*. There is a little * * * between Osbaston and Market Bosworth, where Lilium Martagon is growing perfectly wild, though it may have been planted originally. *A. Bloxam, mss.*

ACORUS *Calamus*. By the Soar, between Zouch Mills and Loughborough. *Ch. Babington, sp.*

POTAMOGETON *zosteræfolius*. In the Ashby Canal, at Congerstone; also below Market Bosworth. *A. Bloxam, sp.*

LEMNA *trisulca*. Ponds in the pastures at Congerstone. *A. Bloxam, mss.* Meadows near Leicester. *G. Howitt, mss.* Osgathorpe; Grooby; Leicester. *Ch. Babington, sp.*

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LEMNA *gibba.* Ponds about Congerstone and Bosworth. *A. Bloxam, mss.* Loughborough. *Ch. Babington, mss.*

——— *polyrhiza.* Ponds at Kirkby Mallory. *A. Bloxam, mss.* Leicester. *Ch. Babington, mss.* (Read "Enderby."—Page 180.)

JUNCUS *obtusiflorus.* Banks of the Ashby Canal, and ponds, at Congerstone. *A. Bloxam, mss.*

BLYSMUS *compressus.* (Not found at Braunston, an early specimen of Carex intermedia having been mistaken for it. *Rev. A. Bloxam.*—Page 180.)

CAREX *intermedia.* Meadows between Leicester and the Abbey. *G. Howitt, mss.* Low pastures, Market Bosworth. *A. Bloxam, mss.*

——— *Pseudo-cyperus.* Grooby. *Churchill Babington, sp.* Ponds near Bosworth and Congerstone. *A. Bloxam, mss.*

——— *binervis.* Common on Charnwood Forest. *Ch. Babington, sp.*

ALOPECURUS *agrestis.* Frequent near Leicester. *G. Howitt, sp.*

CALAMAGROSTIS *Epigejos.* Cloud Wood. *Ch. Babington, sp.* Abundant in the Park at Bosworth; also in Sutton Ambien Wood, the site of the Battle of Bosworth Field. *A. Bloxam, mss.*

FESTUCA *bromoides.* Walls in Charnwood Forest. *A. Bloxam, mss.*

BROMUS *secalinus.* Near Leicester; corn fields on the foot road between Glenfield and Braunston. *A. Bloxam, sp.*

——— *racemosus?* Zouch Mills. *Ch. Babington, sp.*

——— *erectus.* Zouch Mills. *Ch. Babington, sp.*

XXIV. WARWICKSHIRE.

Perry's *Plantæ Varvicensis Selectæ,* which had not been obtained when the former volume was printed, is mainly a compilation from the same authorities as have been consulted for the list given in that volume, together with others of less credit. I prefer not to copy the latter, and have here added only those localities which are introduced on the authority of Mr. Perry's own observation.

CLEMATIS *Vitalba.* Hedges on high ground between Norbrooke and Norton Lindsay. *Var.*

MYOSURUS *minimus.* In a field near the cross, between Norton Lindsey and Warwick. *Var.*

RANUNCULUS *parviflorus.* Top of Oversley Hill; hedge banks near Alcester Mill, on the Worcester road. *Var.*

HELLEBORUS *viridis.* (Read "Dadley's Wood."—Page 181.

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CORYDALIS *lutea*. On walls in Mellos Lane, and St. Mary's Churchyard, Warwick; under a wall opposite Mr. Penrice's, Abbot's Salford. *Var.*

——— *claviculata*. On Gravel Hill, near Erdington. *Var.*

TEESDALIA *nudicaulis*. Sparingly on the lower Hill Morton road, about a mile and a half from Rugby. *A. Bloxam, mss.* Lost on the spot mentioned by the Coleshill and Castle Bromwich road. *W. T. Bree, mss.* Sand rock near Milverton. *Var.*

CARDAMINE *amara*. Banks of the Avon near Rugby. *A. Bloxam, mss.*

BARBAREA *præcox*. Near Rugby, on rubbish, probably brought from a garden. *A. Bloxam, sp.*

BRASSICA *campestris*. Hedge on the Bilton road, going down the hill. *A. Bloxam, mss.*

DIANTHUS *Armeria*. By the side of the road from Warwick to Norton Lindsey, a short distance beyond the cross. *Var.*

MŒNCHIA *erecta*. Corby Moor, and other like places. *W. T. Bree, mss.*

ARENARIA *tenuifolia*. On a heap of gravel, on the lower Hill Morton road. *A. Bloxam, mss.*

HYPERICUM *dubium*. Lower Hill Morton road. *A. Bloxam, mss.* Between Leek Wootton field and Stonleigh. *Var.*

RHAMNUS *catharticus*. At Langley in the parish of Claverdon, and other places besides those mentioned. *W. T. Bree, mss.* In several places about Rugby; in a hedge near the bridge over the Avon. *A. Bloxam, mss.* Radford. *Var.*

——— *Frangula*. Woods at Hatton. *Var.*

ONONIS *spinosa*. Lawford (?) road. *A. Bloxam, mss.*

ULEX *nanus*. Meriden Heath; Corby Moor; abundantly on Shrewley Common, and other commons, before they were inclosed, and still occurring there on hedge banks, &c. *W. T. Bree, mss.*

MEDICAGO *maculata*. Stone quarry in the Pigwells, and near the gate of Godfrey's Lammas, Warwick. *Var.*

LOTUS *tenuis*. Dunchurch road, ascending the first hill on the left. *A. Bloxam, mss.*

ASTRAGALUS *glycyphyllus*. Billingborough Hill, near Alcester. *A. Bloxam, mss.*

POTENTILLA *argentea*. On a sand rock near the Woodloes, Warwick. *Var.*

SANGUISORBA *officinalis*. Meadows near the Avon, Rugby. *A. Bloxam, mss.* Meadows near the race course, Warwick, plentiful. *Var.*

ROSA *tomentosa*. Dunchurch road, on the top of the second hill from Rugby; also near Binley. *A. Bloxam, mss.*

——— *micrantha*. In the lane between Bilton and Lawford. *A. Bloxam, mss.* Not uncommon in Warwickshire. *W. T. Bree, mss.* (Read "Between Bidford and Bidford Grange, the latter being a single house, a mile from the village. *Rev. W. T. Bree.*"—Page 182.)

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ROSA *inodora?* (R. dumetorum. *Plant. Var.*) Common. *Var.*

—— *spinosissima.* On hilly ground near Warwick. *Var.* Mr. Bree says that the red-flowered variety is extinct at Guy's Cliff.

FRAGARIA *elatior.* Grounds round Coton House. *Walk. Oxf.*

PYRUS *communis.* Hampton-on-the-hill. *Var.*

COTYLEDON *Umblicus.* On the walls of the area of Guy's Cliff House; in the Old Pound, Coton End, Warwick. *Var.*

SISON *Amomum.* Newbold upon Avon, near Mr. Walker's. *A. Bloxam, mss.*

PIMPINELLA *magna.* Rugby. *A. Bloxam, mss.*

ŒNANTHE *Phellandrium.* The Avon at Rugby Mill, and other places. *A. Bloxam, mss.*

SILAUS *pratensis.* Meadows of the Avon, Rugby. *A. Bloxam, mss.*

PASTINACA *sativa.* By the side of the Canal, near Rugby Wharf. *A. Bloxam, mss.*

TORILIS *infesta.* Corn fields near Alcester. *A. Bloxam, mss.*

CAUCALIS *daucoides.* Fields about Drayton Bushes. *Midl. Fl.*

VIBURNUM *Lantana.* In a hedge to the right, entering into Little Lawford from Rugby; abundant in the road between Southam and Banbury. *A. Bloxam, mss.*

VISCUM *album.* Norbrooke; scarce in the neighbourhood of Warwick. *Var.*

GALIUM *erectum.* (Erase "Coleshill Heath."—Page 183.)

FEDIA *dentata.* Corn fields about Rugby. *A. Bloxam, mss.*

DIPSACUS *pilosus.* Besides the places mentioned, it occurs at Berkswell, where the roads cross in the village; also near Binley. *W. T. Bree, mss.* Emscote, on the road to Lillington. *Var.*

LACTUCA *virosa.* Road side between Dunchurch and Willoughby; on the Dunchurch and Southam road. *A. Bloxam, mss.*

PRENANTHES *muralis.* Very common; Allesley; Meriden, &c. *W. T. Bree, mss.* On walls in Mellos Lane and Vineyard Lane, Warwick. *Var.* (Refer to "*Midl. Fl.*" not "*B. G.*"—Page 184.)

HIERACIUM *umbellatum.* On the Rugby and Dunchurch road, near the Tollgate. *A. Bloxam, mss.* On the Castle Garden wall, Vineyard Lane, at the back of the green house, Warwick. *Var.*

—— *sylvaticum.* On the Rugby and Dunchurch road, near the Tollgate. *A. Bloxam, mss.* Walls in Warwick, plentiful. *Var.*

ONOPORDUM *Acanthium.* Near the Old Pound, Coton End, Warwick. *Var.*

CNICUS *acaulis.* Longcompton Hill. *Var.*

—— *pratensis.* Near Wroxall. *W. T. Bree, mss.*

—— *eriophorus.* On the Newbold road, by the side of the river, below Mr. Walker's, Rugby. *A. Bloxam, mss.* On the road from Warwick to Stratford, at the turn to Snitterfield; between Warwick and Hatton; on the road from Harbury to Tachbrooke; Binton; Oversley Hill, &c. *Var.*

CONYZA *squarrosa.* Kenilworth Castle. *A. Bloxam, mss.* Road

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side between Warwick and Myton; hilly field on the foot road from Emscote to Leamington. *Var.*

ERIGERON *acris.* On the road side between Allesley and Meriden, near the Royal Oak public house. *W. T. Bree, mss.*

ANTHEMIS *nobilis.* Corby Moor; Shrewley Pool, parish of Hatton. *W. T. Bree, mss.*

CAMPANULA *patula.* By the side of Lord Craven's woods, on the road leading from Brinklow to Coventry. *A. Bloxam, mss.* Borders of Hatton Wood, and by the foot path leading into the Hockley road, plentiful. *Var.* (Read "Well's Green, near Elmdon." *Rev. W. T. Bree.*—Page 184.)

——— *Rapunculus.* Near Guy's Cliff; by the road side in front of the house of M. Wise, Esq., Leamington. *Var.*

——— *latifolia.* Plantations at Coton House, by the side of the Lutterworth road, near a tumulus. *A. Bloxam, mss.* (Read "a shivery sand-rock."—Page 184.)

——— *glomerata.* Communicated to me from the neighbourhood of Pillerton. *Var.*

VACCINIUM *Vitis-Idæa.* Boggy heaths between Middleton and Sutton. *Midl. Fl.*

CHLORA *perfoliata.* Billingborough Hill, near Alcester. *A. Bloxam, mss.*

ANCHUSA *sempervirens.* By the road side between Coventry and Kenilworth, probably an escape. *W. T. Bree, mss.*

MYOSOTIS *cæspitosa.* Common near Rugby, about the Avon and Oxford Canal. *A. Bloxam, mss.*

——— *collina.* Hedge-bank near Hill Morton. *A. Bloxam, mss.*

VERBASCUM *nigrum.* Near the cross, on the road from Ashow to Stonleigh, plentiful. *Var.*

DATURA *Stramonium.* On a newly formed bank of earth in the Saltisford Brick-yard. *Var.*

LINARIA *Elatine.* (Possibly Prior's Cleeve, in Worcestershire, may have been intended by Purton's station of "Cleve."—Page 185.)

LIMOSELLA *aquatica.* We never could find it at Coleshill Pool, though the late Lady Aylesford did; it grows abundantly in Shrewley Pool, parish of Hatton. *W. T. Bree, mss.*

MENTHA *viridis.* Bilton, near Rugby. *Walk. Oxf.*

——— *gracilis.* To this species Mr. Perry refers M. gentilis of the Midland Flora.

——— *Pulegium.* Corby Moor: Shrewley Pool. *W. T. Bree, mss.* Pool one mile from Smockington. *J. Anderson, mss.*

LYCOPUS *europæus.* By the Avon and the Canal, Rugby. *A. Bloxam, mss.*

GALEOBDOLON *luteum.* Very common at Allesley, and in many other places in this county. *W. T. Bree, mss.* Lane between Dun's Pits and Crackley Wood, near Kenilworth; Warwick Castle Park. *Var.*

GALEOPSIS *versicolor.* In a potato field, near the late Mr. Purton's, at Alcester. *A. Bloxam, mss.*

——— *Ladanum.* Red Hill, near Alcester. *A. Bloxam, mss.*

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ACINOS *vulgaris*. Grafton and Rolls' Wood fields. *Midl. Fl.*

CALAMINTHA *officinalis*. Warwick Castle Mount; Hatton; side of the road opposite the Nunnery at Abbot's Salford; near Leamington, on the Warwick road. *Var.*

ANAGALLIS *cærulea*. (Erase "N. Luffenham."—Page 185.)

CHENOPODIUM *polyspermum*. In a newly made garden, near the Saltisford Brick-yard, Warwick. *Var.*

——— *hybridum*. Amongst rubbish on the road from Hampton-on-the-hill to Warwick. *Var.*

EMPETRUM *nigrum*. Sutton Coldfield. *Midl. Fl.*

ULMUS *suberosa*. Common about Rugby. *A. Bloxam, mss.*

——— *glabra*. Common about Rugby. *A. Bloxam, mss.*

SALIX *nigricans*. (The Cherwell in Oxfordshire is intended.—Page 186.)

——— *Hoffmanniana*. Frequent about Rugby. *Walk. Oxf.*

SAGITTARIA *sagittifolia*. Common in almost all our Warwickshire rivers. *W. T. Bree, mss.* Common in the Avon, and the Canal, near Rugby. *A. Bloxam, mss.* Avon, Nicholas' meadow, Warwick; in the old Canal, Longford; Canal, Birmingham Heath. *Var.*

ORCHIS *pyramidalis*. Brought to me from Walton Hall, and the road side leading to Pillerton. *Var.*

OPHRYS *apifera*. Lately found near Anstey by Mrs. F. Skipwith. *W. T. Bree, mss.*

NEOTTIA *spiralis*. Among Ulex europæus in a field crossed by the foot-road from Warwick, to Hampton-on-the-Hill. *Var.*

CROCUS *vernus*. (Change the specific name to "*speciosus*." Purton and Perry have it "nudiflorus." Mr. Bree says "speciosus." —Page 186.)

LEUCOJUM *æstivum*. Once found above Rugby Mill, on the banks of the Avon. *A. Bloxam, mss.*

NARCISSUS *Pseudo-narcissus*. Abundantly in several places at Allesley, Meriden, Honiley, Balsall Temple, &c. &c.; banks of the Bourne, Fillongley. *W. T. Bree, mss.* (Mr. Bree mentions that he has a white of this species, from the parish of Meriden, and that he deems it to be really a native species; but suggests that the double variety, mentioned on page 186, may belong to the common garden daffodil,—N. Major?)

——— *poeticus*. A field in the parish of Fillongley is *full* of it, some of the flowers are single, others semidouble; probably not truly native. *W. T. Bree, mss.*

——— *biflorus*. Lammas Fields, Warwick. *Var.*

——— *moschatus*. In the parish of Meriden. *Mag. Nat. Hist.* viii. 118. (Communicated to that journal by the rev. W. T. Bree.)

TAMUS *communis*. Common about Rugby. *A. Bloxam, mss.*

ORNITHOGALUM *umbellatum*. Near a Pond in Godfrey's Lammas, Warwick. *W. T. Bree, mss.*

ALLIUM *oleraceum*. Side of the foot path between Emscote and Leamington. *Var.*

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COLCHICUM *autumnale*. Very abundant in many places in Allesley parish; Meriden, &c. truly wild, I should say. *W. T. Bree, mss.* Meadow between Brinklow and Shilton. *A. Bloxam, mss.*

LEMNA *gibba*. Ponds near Lawford Mill, and at Newnham. *A. Bloxam, mss.* Mill pond near St. Nicholas' Church, and in a brook in Baly's Lammas, Warwick. *Var.*

POTAMOGETON *zosteræfolius*. Abundant in the old Oxford Canal opposite Mr. Walker's, Newbold upon Avon. *A. Bloxam, mss.*

CLADIUM *Mariscus*. (It would appear, by the *Plantæ Varvicenses*, that Ray has given the same locality for this species and Schœnus nigricans, in different works. Perhaps, only one of them may have been found?—Page 187.)

RHYNCOSPORA *alba*. Bog below Coleshill Pool. *W. T. Bree, mss.*

GASTRIDIUM *lendigerum*. Corn field near Alcester. *A. Bloxam, mss.*

CALAMAGROSTIS *Epigejos*. Dunnington; Salford; Wetheley. *Var.* (Arundo Calamagrostis of Purton, according to Perry.)

BROMUS *racemosus*. On the new embankment of the Oxford Canal, near Brownsover. *A. Bloxam, mss.*

XXV. GLOUCESTERSHIRE.

Mr. Lees takes me to task for the confusion introduced into the lists of Somerset and Gloucester plants, through referring nearly all plants to the Gloucestershire list, which have been said to grow about Bristol, while their recorded stations have not usually been given in a sufficiently explicit manner to enable a stranger to assign them to their proper counties with certainty. The difficulty experienced on this score has been already several times alluded to; chiefly in the hope of inducing some of our botanical writers and collectors to specify their stations more explicitly. The names of many houses, woods, hills, bridges, &c. are not to be found in our Gazetteers; and in several instances the omissions extend to hamlets and small villages. Neither can such places be included in the general maps of England. To a person who is familiarly acquainted with the names and local positions of all the small places, in any particular part of the country where he resides or visits, it appears strange that others should be ignorant of them, if he does not call to mind how many thousand places, in other parts of Britain, are alike unknown to himself; or, if their names be known, how little he may still be aware of their exact positions. Thus it happens, in too many instances, that a botanist will fancy he has given a very good direction to a botanical station, when it is found by others to be quite insufficient. If the intention be only to guide a person to the spot, in order that he may collect specimens, a clear

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description may, indeed, be made by the use of local names, the collector being supposed at the place and able to inquire his way from others. But if one at a distance is desirous of forming county or parochial lists, of drawing a botanical map, or of tracing the connections between the vegetation and physical features of the country, in such cases he will often feel perplexed by the want of indications sufficiently explanatory. In event of not obtaining these, he is compelled either to omit the incomplete descriptions, or to introduce them in such general (which means *vague*) terms as will comprehend the whole space, within some part of which the localities must lie. On this account, it has been several times intimated, that while the botanical stations in this work were nominally arranged into county lists, such lists might include stations really beyond the proper boundaries. After all, it is of no consequence whatever, whether botanical lists refer to spaces exactly agreeing with the political divisions of Britain, or to some other definite areas, provided the circumstance be stated so as to prevent mistakes from the names of the counties respectively heading each list. For example, the including of a small portion of Somersetshire along with Gloucestershire, under the general head of "Gloucestershire and Bristol," makes no confusion of those stations which are specified with exactness, while it allows of the introduction of others which could not with certainty have been referred to either county taken singly, such as "banks of the Avon," "meadows near Bristol," &c. &c.

CLEMATIS *Vitalba*. On Brockeridge Common near Twining; hedges between Tewkesbury and Deerhurst. *E. Lees, mss.* Hedges near Gloucester. *G. S. Wintle, mss.*

ADONIS *autumnalis*. Corn fields near Gloucester. *G. S. Wintle, mss.*

HELLEBORUS *viridis*. Near the head of the St. Catherine valley, near Bath, but on the Gloucestershire side of the brook: the place is incorrectly described in the *Flora Bathonensis*. *C. C. Babington, mss.* Cranham Wood, near Gloucester. *G. S. Wintle, mss.*

CARDAMINE *impatiens*. Stapleton Quarries, near Bristol. *J. Anderson, mss.*

——— *amara*. Side of the Ledden river near Pauntley. *E. Lees, mss.*

TURRITIS *glabra*. Waste places near Gloucester. *G. S. Wintle, mss.*

NASTURTIUM *sylvestre*. Banks of the Avon at Tewkesbury. *E. Lees, mss.*

BRASSICA *campestris*. Banks of ditches near Gloucester. *G. S. Wintle, mss.*

VIOLA *suavis*. King John's Walk, near Tewkesbury. *E. Lees, mss.*

TILIA *grandifolia*. Bromsberrow. *E. Lees, mss.*

——— *parvifolia*. At the Brownsend near Bromsberrow. *E. Lees, mss.*

ONONIS *spinosa*. Banks of the Berkeley Canal, Gloucester. *G. S. Wintle, mss.*

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LATHYRUS *latifolius*. (Instead of "apparently," I think it might with safety be put "undoubtedly wild," in Stapleton Quarries. *J. Anderson, mss.* — Page 189.)

LOTUS *tenuis*. (Add "*Eng. Fl.*" after "St. Vincent's Rocks." — Page 190., first line.)

MEDICAGO *maculata*. Stapleton Quarries, near Bristol. *J. Anderson, mss.*

SANGUISORBA *officinalis*. Banks of the Berkeley Canal, and Robin's Wood Hill, Gloucester. *G. S. Wintle, mss.* In great plenty in meadows by the western side of the Severn, below Tewkesbury.

ROSA *inodora*. On Shutonger Common, near Twining, two miles north of Tewkesbury. *E. Lees, mss.*

—— *tomentosa*. Shutonger Common. *E. Lees, mss.*

PYRUS *communis*. Hedges near Gloucester. *G. S. Wintle, mss.*

BRYONIA *dioica*. Hedges near Gloucester. *G. S. Wintle, mss.*

RIBES *rubrum*. Woody spot beyond the Gander-lane bridge over the river Swilgate, Tewkesbury. *E. Lees, mss.*

SEDUM *dasyphyllum*. Clifton. *G. Rogers, sp.*

APIUM *graveolens*. Side of the Cheltenham road, near Coomb Hill. *E. Lees, mss.* In the ditch by the road side at Saint's Bridge. *G. S. Wintle, mss.*

SILAUS *pratensis*. Avon Ham, Tewkesbury. *E. Lees, mss.*

PASTINACA *sativa*. Frequent about Gloucester. *G. S. Wintle. mss.*

VIBURNUM *Lantana*. Hedges near Gloucester. *G. S. Wintle, mss.*

VISCUM *album*. On Hawthorns, &c. near Gloucester. *G. S. Wintle. mss.*

RUBIA *peregrina*. (Erase "Watchett and Dunster." — Page 190.)

DIPSACUS *Fullonum*. At the foot of Robin's Wood Hill, near the Stroud Road, Gloucester, being cultivated in the neighbourhood. *G. S. Wintle, mss.*

VALERIANA *rubra*. Old walls near Gloucester. *G. S. Wintle, mss.*

CNICUS *acaulis*. Robin's Wood Hill, near Gloucester. *G. S. Wintle, mss.*

ONOPORDUM *Acanthium*. Between Rockeridge Common and Ripple. near Twining. *E. Lees, mss.*

CAMPANULA *patula*. Side of a lane near Bromsberrow. *E. Lees, mss.*

———— *Trachelium*. Old lane under King John's Walk, Mithe, near Tewkesbury, and lower Lode Lane. *E. Lees, mss.* Cranham Wood, near (Chosen?) Hill, Gloucester. *G. S. Wintle, mss.*

———— *glomerata*. Hills above Cheltenham. *W. H. Darby, mss.* Robin's Wood Hill, near Gloucester. *G. S. Wintle, mss.*

PYROLA *rotundifolia*. Slade and Randwick Woods. *Walk. Oxf.*

MONOTROPA *Hypopitys*. Slade Woods. *Walk. Oxf.*

CUSCUTA *europæa*. (Goosey?) Lane, Gloucester. *G. S. Wintle, mss.*

CYNOGLOSSUM *sylvaticum*. Deerhurst Lane, Tewkesbury. *E. Lees mss.*

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ATROPA *Belladonna.* In an old stone-pit, close by the Painswick road, near Cranham Wood. *G. S. Wintle, mss.*

DATURA *Stramonium.* Near Beecham, Gloucester. *G. S. Wintle, mss.*

SOLANUM *nigrum.* Near Gloucester. *G. S. Wintle, mss.*

LINARIA *Elatine.* Near Gloucester. *G. S. Wintle, mss.*

MELAMPYRUM *arvense.* Corn fields near Gloucester. *G. S. Wintle, mss.*

VERONICA *spicata.* Hedge bank by the road at Saint's Bridge, Gloucester. *G. S. Wintle, mss.* (These two plants are rare, and not very likely to occur here. They should be verified by comparison with specimens from some other place.)

MENTHA *piperita.* Rills under Bredon Hill, about Kimmerton. *E. Lees, mss.*

——— *sylvestris.* Banks of the Twiver or Poplar River, near Gloucester. *G. S. Wintle, mss.*

CALAMINTHA *officinalis.* Lane under King John's Walk, near Tewkesbury. *E. Lees, mss.*

GALEOBDOLON *luteum.* Robin's Wood Hill, and lanes at Upton, near Gloucester. *G. S. Wintle, mss.*

LAMIUM *maculatum.* (The plant so named, is merely a variety of L. album, and very different from L. maculatum of the gardens. Mr. J. Anderson. — Page 191.)

OROBANCHE *minor.* (Erase "*sp.*" — Page 191.)

PRIMULA *elatior.* At Forthampton west, of Tewkesbury. *E. Lees, mss.* Highnam Wood, near Saint's Bridge, Gloucester. *G. S. Wintle, mss.*

EUPHORBIA *amygdaloides.* Highnam Wood. *G. S. Wintle, mss.*

MERCURIALIS *annua.* A noxious weed about Bristol. *W. A. Bromfield, mss.*

POPULUS *canescens.* Near Moreton in the Marsh; about Bourton; Lower Lode Lane leading to the Severn, below Tewkesbury. *E. Lees, mss.*

SALIX *triandra.* Willow-bed close to the Severn, below King John's Walk, Tewkesbury. *E. Lees, sp.*

SAGITTARIA *sagittifolia.* In the river Avon, between Tewkesbury and Twining's Fleet. *E. Lees, mss.* Ditches near Gloucester. *G. S. Wintle, mss.*

HERMINIUM *Monorchis.* Bank near Rodborough Common. *Walk. Oxf.*

OPHRYS *apifera.* On the bank of the Berkeley Canal; also at Cranham Wood, in a blue clay. *G. S. Wintle, mss.*

NARCISSUS *Pseudo-narcissus.* Covering the whole declivity of a hilly meadow in the forest of Dean, closeto the mail road from Gloucester to Ross. *E. Lees, mss.* In an orchard near Saint's Bridge. *G. S. Wintle, mss.*

——— *biflorus.* In an old orchard at Pill. *J. Anderson, mss.*

TAMUS *communis.* Deerhurst Lane, Tewkesbury. *E. Lees, mss.*

COLCHICUM *autumnale.* Covering numerous fields between Tewkesbury and Cheltenham. *E. Lees, mss.* In the meadows by

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the Severn, near Gloucester, abundantly. *G. S. Wintle, mss.*

LEMNA *trisulca* and *polyrhiza*. Near Gloucester. *G. S. Wintle, mss.*

XXVI. WORCESTERSHIRE.

HELLEBORUS *viridis*. In a retired lane near Cotheridge. *E. Lees, mss.* (Read "Glasshampton."—Page 194.)

ACONITUM *Napellus*. Eastham Hill, several plants at the root of an alder, in marshy ground at the elevation of 500 or 600 feet, in a truly wild spot. *E. Lees, sp.*

TEESDALIA *nudicaulis*. Hartlebury Common. *E. Lees, sp.* (Read "Giant's Grave."—Page 195.)

LEPIDIUM *Smithii*. On the summit of Helbury Hill, behind Dryadville Cottage. *E. Lees, mss.* (Dryadville Cottage is the residence of Mr. Lees, and near Worcester.)

CARDAMINE *impatiens*. (Read "Dudley" for "Duley."—Page 195.)

——— *amara*. At Redmarley, on the banks of the Ledden Brook. *E. Lees, mss.*

TURRITIS *glabra*. Hartlebury. *E. Lees, sp.* Chester Lane, and in a lane near Crane's of Abberley, Kidderminster; also on the road side between Kidderminster and Caddesley Corbet.

VIOLA *suavis*. In an orchard at Warndon, about a mile from my house; also near Bransford, in a coppice. *E. Lees, mss.* (Mr. Lees says, "Though at Warndon my specimens growing together were all '*suavis*;' yet finding '*odorata*' mixed therewith at Bransford, I have doubts as to any permanent difference between them. I think *odorata* has sometimes beardless petals.")

TILIA *parvifolia*. Various old trees on the sides of Old Storage Hill. *E. Lees, sp.* (Mr. Lees objects to any sign of doubtful nativity being affixed to the name of this species, and says that "in a natural wood at Shrawley, of 500 acres in extent, a great part of the underwood periodically felled, and the stumps of which are mossy with age, consists of this species.")

——— *grandifolia*. In a wood on the banks of the Severn, between Hawford and Ombersley. *E. Lees, mss.*

HYPERICUM *Androsæmum*. In a wood by Picket Rock, near Kidderminster. *Mag. Nat. Hist.* iv. *

——— *montanum*. In a wood on Abberley Hill, west of Abberley Church; also at Picket Rock, near Kidderminster. *Mag. Nat. Hist.*

* A series of botanical stations for this county were published in the Magazine of Natural History, by Mr. Perry, but were overlooked in compiling the former volume of this Work. Most of them relate to the commoner plants of England.

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Erodium *maritimum*. On the heath at Picket Rock, near Kidderminster. *Mag. Nat. Hist.*

Genista *pilosa*. (This must be expunged, it having been inserted on the authority of Scott's Stourbridge, and probably G. anglica being intended. *Mr. Lees.*—Page 196.)

Onobrychis *sativa*. Near a wood on Abberley Hill, west of Abberley Church. *Mag. Nat. Hist.*

Vicia *angustifolia*. In a swamp on the north side of Falling Sands Common, Kidderminster; and in a field between Kidderminster and Picket Rock. *Mag. Nat. Hist.*

Rubus *suberectus*. Bog on Hartlebury Common. *E. Lees, mss.*

Potentilla *argentea*. On the top of the rock at Foxholes, and on a rock by the road-side at Wolverley, near Kidderminster; also on rocks by the road-side between Kidderminster and Bewdley. *Mag. Nat. Hist.*

Comarum *palustre*. Oldfield, near Ombersley. *Mag. Nat. Hist.*

Rosa *spinosissima*. Very common in Worcestershire; about Helbury and Lepard Hills; Cruckbarrow Hill; Brediot Common; Battenhall; side of Cracombe Hill, near Evesham. *E. Lees, sp.*

—— *Sabini*. (Read "Crookbarrow Hill."—Page 198.)

Pyrus *torminalis*. Summit of Blackstone Rock, a mass of sandstone overhanging the Severn, near Bewdley. *E. Lees, sp.*

Epilobium *roseum*. In a garden before a house in Church Street, Kidderminster, 1816; and in Mr. John Lea's drying-ground, Mill-Street, Kidderminster, 1829. *Mag. Nat. Hist.*

Sedum *dasyphyllum*. Blackstone Rock, near Bewdley. *J. Anderson, mss.* On a wall by the side of the Kidderminster road, Bewdley. *Mag. Nat. Hist.*

Cotyledon *Umbilicus*. On Picket Rock, and about Foxholes, near Kidderminster. *Mag. Nat. Hist.*

Œnanthe *apiifolia*. In ditches of a field near the Teme at Stanford. *E. Lees, mss.*

Dipsacus *pilosus*. Blackstone Rock, near Bewdley. *Mag. Nat. Hist.*

Prenanthes *muralis*. Blackstone Rock, and Rock Wood, near Bewdley; in a wood by Picket Rock, and Summer Hill, near Kidderminster; Rock Hill, one mile and a half from Broomsgrove on the road to Alcester. *Mag. Nat. Hist.*

Hieracium *sylvaticum*. Summer Hill, near Kidderminster; in a lane leading from Foxholes towards Kidderminster; Rock Wood, Burnt Wood, and Wassel Wood, near Bewdley. *Mag. Nat. Hist.*

Onopordum *Acanthium*. A fine *forest* of this magnificent thistle at Claines, two miles north of Worcester, in 1836. *E. Lees, mss.*

Cnicus *acaulis*. In fields between Kidderminster and Picket Rock. *Mag. Nat. Hist.*

—— *pratensis*. (This I have never met with in Worcestershire; and the locality given for it, at Upton Snodsbury, is a mistake. *Mr. Lees.*—Page 201.)

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CONYZA *squarrosa*. In a lane near Hartlebury; and about Chaddesley Corbet. *Mag. Nat. Hist.*

CAMPANULA *Trachelium*. Common in every part of this county. *E. Lees, mss.* Blackstone Rock, near Bewdley; banks of the Severn, near Stourport; on a steep bank about four miles on the Hereford road from Stourport. *Mag. Nat. Hist.*

——— *patula*. Dolphin Lane, and in hedges, Chaddesley Corbet. *Mag. Nat. Hist.*

ASPERUGO *procumbens*. (Exclude this, which I never meant to insert. *Mr. Lees.* — Page 202.)

MYOSOTIS *collina*. Near Habberley. *E. Lees, sp.*

——— *cæspitosa*. In Burnt Wood, near Bewdley, with white flowers. *Mag. Nat. Hist.*

VERBASCUM *virgatum*. Near Worcester, on the road to Ombersley, 1813. *Mag. Nat. Hist.* (It would appear to be extinct near Worcester. See page 202.)

——— *Blattaria*. Lanes about Foxholes, near Kidderminster. *Mag. Nat. Hist.*

LINARIA *spuria*. In a hilly field at Hampton Magna, near Evesham. *Mag. Nat. Hist.*

VERONICA *triphyllos*. (I fear this must be struck out. *Mr. Lees.* — Page 202.)

CALAMINTHA *officinalis*. Hampton Magna, near Evesham. *Mag. Nat. Hist.*

MELISSA *officinalis*. Grows wild in various spots in Worcestershire; principally near farm-houses, having escaped from gardens. *E. Lees, sp.*

SCUTELLARIA *minor*. In Rock Wood, near Bewdley. *Mag. Nat. Hist.*

LATHRÆA *squamaria*. Alfrick, at the roots of the White Poplar. *E. Lees, sp.*

ANAGALLIS *cærulea*. In a field near Tibberton, in profusion. *E. Lees, mss.*

RUMEX *maritimus*. On the banks of the Lodge-pools, Kidderminster, *Mag. Nat. Hist.*

NEOTTIA *spiralis*. Cruckbarrow Hill. *E. Lees, sp.*

EPIPACTIS *ensifolia*. Wyre Forest. *E. Lees, sp.*

CONVALLARIA *majalis*. Bewdley Forest. *E. Lees, sp.*

ORNITHOGALUM *umbellatum*. (The meadow at Cotheridge is only a few fields distant from an old residence called Cotheridge Court. *Mr. Lees.* — Page 205.)

SPARGANIUM *natans*. Muddy pools at Cotheridge. *E. Lees, sp.*

LUZULA *Forsteri*. Near Worcester. *E. Lees, sp.*

MELICA *natans*. Wyre Forest. *E. Lees, sp.*

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XXVII. STAFFORDSHIRE.

CLEMATIS *Vitalba*. Hedges between Dudley and Wolverhampton. *E. Lees, mss.*

RANUNCULUS *parviflorus*. Tutbury Castle Hill. *G. Howitt, mss.*

CORYDALIS *claviculata*. Bramshall Park, near Uttoxeter. *G. Howitt, mss.*

CORONOPUS *didyma*. Yoxall Lodge. *Churchill Babington, mss.* (Surely introduced there?)

TILIA *parvifolia*. Truly indigenous in Needwood Forest. *C. C. Babington, mss.*

HYPERICUM *dubium*. Barton under Needwood. *C. C. Babington, mss.*

——— *elodes*. Formerly found in bogs on Needwood Forest. *Churchill Babington, mss.*

GERANIUM *phæum*, Yoxall Lodge, naturalised. *Ch. Babington, mss.*

ERODIUM *moschatum*. Grounds about Dudley Castle. *Ch. Babington, mss.*

PRUNUS *Padus*. (Read "Penderford."—Page 207.)

ROSA *villosa*. Near Dudley. *E. Lees, mss.*

PYRUS *torminalis*. Uttoxeter. *G. Howitt, mss.*

——— *domestica*. (The tree referred to in the Philosophical Transactions, English Flora, &c. is in Wyre Forest, Worcestershire; and there is no other in England that can be positively referred to, as reputedly wild. *Mr. Lees.* "Plot," not Mr. Pitts, is the authority referred to by Turner and Dillwyn, as also by Ray. "Mr. Pitts" is named in English Flora, only as the authority for the tree in Wyre Forest. Turner and Dillwyn should have written "moorlands," instead of "woodlands." It would seem that all the notices respecting the existence of the species in this county, are to be referred to Dr. Plot's statement of it being frequent in the moorlands, which is not the case now, if it ever were so. — Page 208.)

MYRIOPHYLLUM *verticillatum*. Aqualate Mere. *W. H. Darby, mss.*

CHRYSOSPLENIUM *alternifolium*. Near Yoxall Lodge. *Ch. Babington, mss.*

CARUM *Carui*. Newcastle. *G. Howitt, mss.*

ŒNANTHE *Phellandrium*. Near Walton. *Ch. Babington, mss.*

PIMPINELLA *magna*. ("Ilam" is the name given by Turner, but it would seem that "Ham" was intended. — Page 208.)

VISCUM *album*. Apple trees at Upper Arley. *E. Lees, mss.*

DIPSACUS *pilosus*. Near Alton. *G. Howitt, mss.*

PRENANTHES *muralis*. Near Yoxall Lodge. *Ch. Babington,*

CNICUS *eriophorus*. Among the limestone rocks on Dudley Castle Hill. *E. Lees, mss.*

CONYZA *squarrosa*. Dudley Castle Hill. *E. Lees, mss.*

ERIGERON *acris*. Among the lime-rocks near Dudley. *E. Lees, mss.*

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CAMPANULA *patula*. Barton, under Needwood. *Ch. Babington, mss.*
ANDROMEDA *polifolia*. Chartley Moss. *G. Howitt, mss.*
CHLORA *perfoliata*. Dudley Castle. *E. Lees, mss.*
UTRICULARIA *vulgaris*. Near Uttoxeter. *G. Howitt, mss.*
EUPHORBIA *Characias*. (Not to be found in either of the localities given for it, in this county; and probably it ought to be wholly expunged from the lists of British plants. — Page 208.)
EMPETRUM *nigrum*. Chartley Moss. *G. Howitt, sp.*
QUERCUS *sessiliflora*. (Refer to "*Midl. Fl.*" not "*B. G.*" — Page 208.)
SALIX *cinerea*. (Refer to "*Engl. Fl.*" not "*B. G.*" — Page 208.)
ORCHIS *ustulata*. (Refer to "*Midl. Fl.*" — Page 208.)
NEOTTIA *spiralis*. (Refer to "*Midl. Fl.*" — Page 208.)
OPHRYS *apifera*. Yoxall Lodge, very rare. *Ch. Babington, mss.*
FRITILLARIA *Meleagris*. Meadows near Uttoxeter. *G. Howitt, mss.*
CLADIUM *Mariscus*. Chartley Moss. *G. Howitt, mss.*
RHYNCOSPORA *alba*. Chartley Moss. *G. Howitt, sp.*
BLYSMUS *compressus*. In a field opposite Yoxall Lodge. *C. C. Babington, mss.*

XXVIII. SHROPSHIRE.

CLEMATIS *Vitalba*. Lincoln Hill, near Colebrookdale. *H. Darby, mss.*
TROLLIUS *europæus*. Westfelton; Aston; Maesbury. *W. A. Leighton, mss.*
DELPHINIUM *Consolida*. Davenport Woods. *W. A. Leighton, mss.*
CORYDALIS *claviculata*. Pim Hill. *W. A. Leighton, mss.* South side of the Wrekin? *H. Darby, mss.*
CARDAMINE *amara*. Windmill Farm, Madeley. *J. Poole, mss.* Banks of the Severn, near Shrewsbury. *W. A. Leighton, mss.*
TEESDALIA *nudicaulis*. Haughmond Hill. *W. A. Leighton, mss.*
NASTURTIUM *sylvestre*. Top of the Wrekin. *J. Anderson, mss.* Banks of the Severn, near Shrewsbury. *W. A. Leighton, mss.* Coalbrookdale. *J. Anderson, mss.*
RESEDA *alba*. Road-side, Broseley Hill, near Colebrookdale. *H. Darby, mss.*
DROSERA *longifolia*. Shomere Moss; Vownog, near Westfelton. *W. A. Leighton, mss.*
——— *anglica*. Vownog. *W. A. Leighton, mss.*
DIANTHUS *Caryophyllus*. Haughmond Abbey. *W. A. Leighton, mss.*
MŒNCHIA *erecta*. Rare; Haughmond Hill. *W. A. Leighton, mss.*

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TILIA *parvifolia*. Cox Wood. *J. Anderson, mss.*
HYPERICUM *Androsæmum*. Pontesford Hill. *W. A. Leighton, mss.* Cox Wood, near Coalbrookdale. *J. Anderson, mss.*
——— *dubium*. Sufficiently common about Shrewsbury. *W. A. Leighton, mss.*
——— *elodes*. Margins of most of the pools about Shrewsbury. *W. A. Leighton, mss.* Bomere Pool. *J. Anderson, mss.*
GERANIUM *pyrenaicum*. In a lane near Shiffnall. *J. Anderson, mss.*
RHAMNUS *Frangula*. Foot of the Wrekin. *J. Anderson, mss.*
ULEX *nanus*. Common; Haughmond Hill; Westfelton. *W. A. Leighton, mss.*
ONOBRYCHIS *sativa*. Tinker's Hill, near Ludlow. *A. Bloxam, mss.*
LATHYRUS *sylvestris*. Cawes Castle, near Westbury. *H. Darby, mss.*
PRUNUS *Padus*. Near Westfelton. *W. A. Leighton, mss.*
RUBUS *suberectus*. Foot of the Wrekin. *J. Poole, mss.*
——— *saxatilis*. Stiperstones. *W. A. Leighton, mss.*
POTENTILLA *argentea*. Road-side near Quatford. *H. Darby, mss.*
ROSA *tomentosa*. Westfelton; Pim Hill. *W. A. Leighton, mss.*
PYRUS *Aria*. Wood near the Stiperstones. *J. Anderson, mss.*
ŒNOTHERA *biennis*. Cinder Hill, Coalbrookdale. *H. Darby, mss.*
MYRIOPHYLLUM *verticillatum*. Forton Moors, near Newport. *J. Anderson, mss.*
RIBES *nigrum*. Near Aqualate Mere. *H. Darby, mss.*
COTYLEDON *Umbilicus*. Common on most of the hills near Shrewsbury. *W. A. Leighton, mss.* Old stone walls by the road between Shrewsbury and Ellesmere. *A. Bloxam, mss.* Wet rocks on Caer Carradock. *H. Darby, mss.* (Read "Quatford and Rowton, on walls by the turnpike road." — Page 211.)
SEDUM *Forsterianum*. Haughmond Hill. *W. A. Leighton, mss.*
CHRYSOSPLENIUM *alternifolium*. Shelton Wood. *W. A. Leighton, mss.* Snowdon Pool, near Beckbury. *J. Anderson, mss.*
CICUTA *virosa*. (Mr. Darby says that "Staney" was a misprint for "Slaney," in Bot. Guide. — Page 211.)
ŒNANTHE *Phellandrium*. Mare Pool. *W. A. Leighton, mss.*
FŒNICULUM *vulgare*. Limestone quarries on Lincoln's Hill, Coalbrookdale. *J. Anderson, mss.*
MYRRHIS *odorata*. On Benthall Edge, near Coalbrookdale. *H. Darby, mss.*
SMYRNIUM *Olusatrum*. Shrewsbury Castle mound. *R. C. Alexander, mss.*
VISCUM *album*. Loton Park. *W. A. Leighton, mss.*
DIPSACUS *pilosus*. ("Littleshall" of the Botanist's Guide, intends "Lilleshall," according to Mr. Darby. — Page 211.)
FEDIA *dentata*. Corn fields near Shrewsbury. *W. A. Leighton, mss.* Corn fields between Coalbrookdale and Little Wenlock. *H. Darby, mss.*
HIERACIUM *umbellatum*. Brickley Coppice. *W. A. Leighton, mss.*
ERIGERON *acris*. Benthall Edge. *W. A. Leighton, mss.* Lincoln's Hill, near Coalbrookdale. *J. Anderson, mss.*
CONYZA *squarrosa*. Benthall Edge. *W. A. Leighton, mss.* Hills

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opposite Bridgenorth. *A. Bloxam, mss.* Lincoln's Hill, near Coalbrookdale. *J. Anderson, mss.*

CAMPANULA *patula.* Mountford Bridge. *J. E. Bowman, sp.* Common around Shrewsbury. *W. A. Leighton, mss.*

——— *Trachelium.* The Terrace, Apsley House, near Bridgenorth. *A. Bloxam.*

——— *latifolia.* Bradley, near Wenlock. *H. Darby, mss.*

VACCINIUM *Oxycoccos.* Bomere Pool. *C. C. Babington, mss.*

ANDROMEDA *polifolia.* Whixall Moss. *A. Bloxam, mss.*

CHLORA *perfoliata.* Benthall Edge. *W. A. Leighton, mss.*

POLEMONIUM *cæruleum.* Near Bridgenorth. *W. A. Leighton, mss.*

ANCHUSA *sempervirens.* Near Oswestry. *A. Bloxam, mss.*

PULMONARIA *officinalis.* Near Loamhall Pool, Coalbrookdale. *H. Darby, mss.*

ASPERUGO *procumbens.* Gathered by Dr. Joseph Babington, in the locality mentioned on page 212. *C. C. Babington, mss.*

VERBASCUM *Blattaria.* (Refer to "*B. G.*"— Page 212.)

ATROPA *Belladonna.* Lilleshall Abbey, and north-west base of the Wrekin. *H. Darby, mss.*

MENTHA *Pulegium.* (Erase the words "abundantly; Ceynham Camp, Ludlow."— Page 212.)

GALEOPSIS *versicolor.* In a corn field at Little Calcott, near Shrewsbury. *Mag. Nat. Hist.* Near Baschurch, and Llanymenech, abundantly; Ceynham Camp, Ludlow. *B. G.*

CALAMINTHA *officinalis.* Near Shrewsbury. *W. A. Leighton, mss.*

ACINOS *vulgaris.* Wall at Wenlock. *J. Anderson, mss.*

SCUTELLARIA *minor.* Oxon Pool. *W. A. Leighton, mss.*

UTRICULARIA *minor.* Bomere Pool. *W. A. Leighton, mss.*

HOTTONIA *palustris.* Bog near Bomere Pool. *H. Darby, mss.*

ANAGALLIS *cærulea.* Shotton. *W. A. Leighton, mss.*

PRIMULA *elatior.* Near Preston Wood. *W. A. Leighton, mss.*

LITTORELLA *lacustris.* Bomere Pool. *H. Darby, mss.* Colemere and Ellesmere more.. *A. Bloxam, mss.*

EUPHORBIA *Lathyris.* Cultivated ground. *W. A. Leighton, mss.*

——— *amygdaloides.* Farley Woods, near Much Wenlock. *H. Darby, mss.* Most of the woods about Shrewsbury. *W. A. Leighton, mss.*

QUERCUS *sessiliflora.* Pim Hill. *W. A. Leighton, mss.*

SAGITTARIA *sagittifolia.* Canal near Shrewsbury. *W. A. Leighton, mss.* Belton Pool; near Acton Burnell. *H. Darby, mss.*

SCHEUCHZERIA *palustris.* Shomere Moss. *W. A. Leighton, mss.* Discovered by Mr. C. C. Babington, at Bomere, in 1832.

ORCHIS *pyramidalis.* Benthall Edge. *J. Anderson, mss.*

HABENARIA *chlorantha.* Bomere Wood. *W. A. Leighton, mss.*

LISTERA *cordata.* Among rocks on the Stiperstones Hill. *H. Darby, mss.*

NARCISSUS *Pseudo-Narcissus.* Near Uffington. *W. A. Leighton, mss.* Field in which Buildwas Abbey stands. *H. Darby, mss.*

CONVALLARIA *majalis.* Pim Hill. *W. A. Leighton, mss.* Old Brook Wood, near Buildwas. *J. Anderson, mss.*

ORNITHOGALUM *umbellatum.* Fields near Buildwas. *H. Darby, mss.*

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COLCHICUM *autumnale*. Hord's Park, Bridgenorth. *A. Bloxam, mss.*
TYPHA *angustifolia*. Berrington Pool. *W. A. Leighton, mss.* Bomere Pool. *H. Darby, mss.*
SPARGANIUM *natans*. Bomere Pool. *W. A. Leighton, mss.*
LEMNA *polyrhiza*. Canal at Shrewsbury. *C. C. Babington, mss.* Ditches adjoining the Mere at Ellesmere. *A. Bloxam, mss.* Near Newport, by the Canal. *J. Anderson, mss.*
POTAMOGETON *fluitans*. (Read "Lilleshall." — Page 213.)
RHYNCOSPORA *fusca*. Bomere Pool. (Rev. E. Williams.) *W. A. Leighton, mss.*
——— *alba*. Bomere Pool; Twyford Vownog, near Westfelton. *Mag. Nat. Hist.*
ELEOCHARIS *pauciflora*. Bomere Pool. (Rev. E. Williams.) *W. A. Leighton, mss.* Foot of the Wrekin. *J. Anderson, mss.*
ERIOPHORUM *vaginatum*. Bomere Pool. *W. A. Leighton mss*
——— *pubescens*. Foot of the Wrekin. *J. Anderson, mss.*
CAREX *elongata*. Ellesmere. *A. Bloxam, sp.*
——— *Pseudo-cyperus*. Canal at Shrewsbury. *W. A. Leighton, mss.* Ancot Pool, near Shrewsbury. *J. Anderson, mss.*
——— *fulva*. Whixal Moss. *A. Bloxam, mss.*
BROMUS *erectus*. Lime quarries near Buildwas. *J. Anderson, mss.*

XXIX. HEREFORDSHIRE.

CLEMATIS *Vitalba*. In abundance about Ledbury. *E. Lees, mss.*
TILIA *parvifolia*. Cradley. *E. Lees, mss.*
HYPERICUM *dubium*. Cowleigh Park. *E. Lees, mss.*
——— *Androsæmum*. Between Ledbury and Bromsberrow. *E. Lees, mss.*
ASTRAGALUS *glycyphyllos*. Woods on limestone at Cradley. *E. Lees, mss.*
ONOBRYCHIS *sativa*. Western base of Lime Woods at Cradley. *E. Lees, mss.*
LATHYRUS *latifolius*. In a hedge, five miles from Hereford on the road to Shrewsbury. *R. C. Alexander, mss.*
PRUNUS *domestica*. Common in hedges. *J. Lloyd, mss.*
——— *Padus*. Brook-side near Gaines. *J. Lloyd, mss.*
ROSA *villosa*. Two miles from Hereford, on the * * * road. *E. Lees, mss.*
——— *micrantha*. On limestone rocks near Colwall, Ledbury. *E. Lees, mss.*
——— *Forsteri*. Between Ledbury and Broomsberrow. *E. Lees, mss.*
PYRUS *communis*. Hedgerows and woods. *J. Lloyd, mss.*
——— *torminalis*. Common in woods. *J. Lloyd, mss.*

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COTYLEDON *Umbilicus*. Old damp wall, Whitborne churchyard. *J. Lloyd, mss.*

PIMPINELLA *magna*. Near Cradley. *R. C. Alexander, mss.*

CICUTA *virosa*. Hereford, on the riverbanks, in the walks. *R. C. Alexander, mss.*

VIBURNUM *Lantana*. Woods near Ledbury and Eastnor Castle. *E. Lees, mss.*

LONICERA *Xylosteum*. Brook-side near Gaines. *J. Lloyd, mss.*

VISCUM *album*. Near Ross. *J. Macnab, sp.* So common that some old apple trees are evergreen. *J. Lloyd, mss.*

TRAGOPOGON *porrifolius*. In several places about Whitborne. *J. Lloyd, mss.*

HIERACIUM *sylvaticum*. In a lane between Ledbury and Bromsberrow. *E. Lees, mss.*

CAMPANULA *patula*. Plentiful near Ledbury. *E. Lees, mss.* Old red sand-stone rocks, in various places about Ross, Ledbury, &c. *J. Lloyd, mss.*

——— *Trachelium*. Side of the road near the Pye's nest, Ledbury. *E. Lees, mss.*

CHLORA *perfoliata*. Cradley lime-rocks. *E. Lees, mss.*

PULMONARIA *officinalis*. Wood called 'Cap Hill,' at Gaines. *J. Lloyd, mss.* (It is not quite clear whether the ms. is Cat or Cap.)

MENTHA *rotundifolia*. Side of the brook at Tedstone-de-la-mere. *E. Lees, mss.*

——— *piperita*. Wet lane near Cradley. *E. Lees, mss.*

GALEOBDOLON *luteum*. Hedges about Cradley and Eastnor. *E. Lees, mss.*

PRIMULA *elatior*. High grounds about Cradley. *E. Lees, mss.*

DAPHNE *Mezereum*. Fox-holes Wood, Gaines, but only a single bush. *J. Lloyd, mss.*

POPULUS *canescens*. Road side between Ledbury and Redmarley. *E. Lees, mss.* Near Sapley Bridge, Whitborne. *J. Lloyd, mss.*

ORCHIS *pyramidalis*. Wood between Mathon and Cradley. *E. Lees, mss.* Marcle Hill, near Ledbury. *J. Lloyd, mss.*

OPHRYS *apifera*. Near Arnold's Mill, and near Poswick, Whitborne. *J. Lloyd, mss.*

——— *muscifera*. Common in meadows and pastures. *J. Lloyd, mss.*

GALANTHUS *nivalis*. In an orchard at the Oak's Farm, in the parish of Whitborne, so plentiful that it may be seen at two miles distance. *J. Lloyd, mss.* (Mr. Lloyd also mentions Narcissus Pseudo-cyperus, and poeticus, double and single flowered, and Ornithogalum umbellatum, in and near the same orchard. Doubtless all have been there planted.)

NARCISSUS *Pseudo-Narcissus*. A great profusion of it occurs on the *virgin-turf* of a hill between Malvern and Cradley. *E. Lees, mss.*

CONVALLARIA *majalis*. Edvin Wood, near Bromyard. *J. Lloyd, mss.*

——— *multiflora*. Fox-holes Wood, Gaines. *J. Lloyd, mss.*

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XXX. MONMOUTHSHIRE.

Mr. Conway obliged me with a list of plants observed by himself in the neighbourhood of Pontnewydd Works, in this county. Since the same general indication of place and authority must apply to all of them, it seems scarcely worth while to repeat it after the name of each plant; but the list itself may be subjoined, so far as the species named will come under our test of the rarer plants; half a dozen other localities being first enumerated.

Cotyledon *umbilicus*. On the walls in many places between Tintern Abbey and Monmouth. *R. C. Alexander, mss.*

Sanguisorba *officinalis*. Near Pontypool. (Rev. J. Poole.) *J. C. Collins, mss.*

Dipsacus *pilosus*. Near Tintern abbey. (Rev. J. Poole.) *J. C. Collins, mss.*

Mentha *rotundifolia*. Road side between Tintern Abbey and Monmouth. *R. C. Alexander, mss.*

Narcissus *Pseudo-Narcissus*. Near Abergavenny. *E. Lees, mss.*

Plants observed near Pontnewydd Works. *C. Conway's Ms. List.*

Clematis Vitalba.
Ranunculus parviflorus.
Trollius europæus.
Aconitum Napellus.
Glaucium luteum.
Cochlearia officinalis.
——— anglica.
Brassica campestris.
Reseda lutea.
Viola lutea.
Hypericum Androsæmum.
——— elodes.
Silene maritima.
Stellaria nemorum.
Ulex nanus,
Ononis spinosa.
Vicia angustifolia.
Lathyrus sylvestris.
Potentilla verna.
Rosa tomentosa.
—— systyla.
Sanguisorba officinalis.
Ribes rubrum.
Cotyledon Umbilicus.
Œnothera biennis.
Bryonia dioica.
Fœniculum vulgare.
Apium graveolens.
Myrrhis odorata.
Viscum album.
Rubia peregrina.
Valeriana rubra.
Fedia dentata.
Hieracium sylvaticum.
Prenanthes muralis.
Cnicus pratensis.
Anthemis nobilis.
Campanula hederacea.
——— patula.
Polemonium cæruleum.
Chlora perfoliata.
Myosotis sylvatica.
Linaria Elatine.
——— repens.
Lycopus europæus.
Mentha sylvestris.
——— rotundifolia.
——— piperita.
Leonurus cardiaca.
Stachys ambigua.
Galeobdolon luteum.
Galeopsis Ladanum.

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Galeopsis versicolor
Lamium incisum.
Calamintha officinalis.
Scutellaria minor.
Primula elatior.
Glaux maritima.
Plantago maritima.
Chenopodium polyspermum.
Beta maritima.
Euphorbia amygdaloides.
Mercurialis annua.
Empetrum nigrum.
Ulmus glabra.
Salix triandria.
—— lanceolata.
Neottia spiralis.
Galanthus nivalis.
Narcissus Pseudo-Narcissus. *
——— biflorus.
——— poeticus.
Convallaria majalis.
Tamus communis.
Potamogeton rufescens.
Scirpus maritimus.
Eriophorum vaginatum.
Carex fulva.
Poa aquatica.
Festuca bromoides.
Bromus secalinus.
Triticum repens.
Lolium temulentum.

XXXI. GLAMORGAN.

GLAUCIUM *luteum*. Near Cardiff. *J. C. Collins, mss.* Swansea Burrows. *E. Lees, mss.*

SINAPIS *tenuifolia*. Near Cardiff. *J. C. Collins, mss.* Swansea, near the Copper Works. *R. C. Alexander, mss.* (Turner and Dillwyn mention S. muralis at Swansea; are both found there?)

HESPERIS *matronalis*. Among rubbish near the mouth of the Tarve, 1836. *E. Lees, mss.*

RESEDA *lutea*. Near Cardiff. *J. C. Collins, mss.* On a bank between Swansea and Oystermouth. *E. Lees, mss.*

ARENARIA *peploides*. Swansea Bay. *E. Lees, mss.*

HYPERICUM *elodes*. Cromlyn Bog, three miles east of Swansea. *E. Lees, mss.*

GERANIUM *pyrenaicum*. Between Swansea and Cromlyn. *E. Lees, mss.*

COMARUM *palustre*. Common in Cromlyn Bog. *E. Lees, mss.*

ROSA *spinosissima*. Abundant on Swansea Burrows, and adjacent sandy meadows. *E. Lees, mss.*

VERBASCUM *virgatum*.
LINARIA *repens*.
MELISSA *officinalis*.
SALSOLA *Kali*.
MERCURIALIS *annua*.
} Near Cardiff. *J. C. Collins, mss.*

* Mr. Conway deems the three species of Narcissus to be indigenous, and also the three Mints, Ribes rubrum and Galanthus nivalis are regarded as doubtful, on his head.

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XXXIV. CARDIGANSHIRE.

CONVOLVULUS *Soldanella* Near Aberystwith. *W. H. Darby, mss.*
PLANTAGO *maritima.* Rocks about Aberystwith. *W. H. Darby, mss.*
SALSOLA *Kali.* Near Aberystwith. *W. H. Darby, mss*
EUPHORBIA *Paralias.* Borth Sands, near Aberystwith. *W. H. Darby, mss.*

XXXVI. BRECON.

VACCINIUM *Vitis-Idæa.* Summit of Black Mountains, "2,500 feet. *E. Lees, sp.*
LINARIA *repens.* By the river side, a little below Brecon. *W. H. Darby, mss.*
EMPETRUM *nigrum.* Summit of the Black Mountains. *E. Lees, sp.*

XXXVII. MONTGOMERYSHIRE.

SEDUM *Forsterianum.* Brieddon Mountains. *A. Bloxam, mss.* (May not this be the species mentioned by Turner and Dillwyn, on the authority of Aiken?)
ACINOS *vulgaris.* Breiddon Mountain. *A. Bloxam, sp.*
AJUGA *Chamæpitys.* Appeared "in considerable abundance, in a gravelly field on the banks of the Severn, near Welchpool," in 1832. It had not been observed there previously; could not be found in any other place for ten miles; and had disappeared by 1834. *Mag. Nat. Hist.* viii. 117.

XXXVIII. MERIONETHSHIRE.

TROLLIUS *europæus.* Cader Idris. (Rev. J. Poole.) *J. C. Collins. mss.* Wood and pastures near the water-fall called the Black Cataract, near Maentwrog. *J. Anderson, mss.*

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SINAPIS *tenuifolia*. Harlech Castle. *J. Anderson, mss.*

HYPERICUM *elodes*. Tan-y-Bwlch. (Rev. J. Poole.) *J. C. Collins, mss.*

OROBUS *sylvaticus*. Near the water-fall of Pistyll Cain, above Pont-ar-garfa. (Rev. J. Poole.) *J. C. Collins, mss.* Near the water-fall called the Black Cataract, near Maentwrog. *J. Anderson, mss.*

HIERACIUM *paludosum*. Near the Black Cataract. *J. Anderson, mss.*

GNAPHALIUM *dioicum*. Near the Black Cataract. *J. Anderson, mss.*

ALISMA *natans*. (This is the plant intended by "Actinocarpus Damasonium," on page 226.)

SCIRPUS *maritimus*. Marshes between Harlech and Barmouth. *J. Anderson, mss.*

PHLEUM *arenarium*. Barmouth sands. *J. Anderson, mss.*

XXXIX. ANGLESEA.

COCHLEARIA *anglica*. The station "near Llanbadrick Church" belongs to C. danica. — Page 227.

VIOLA *flavicornis*, and *Curtisii*. On the sands near Llyn Coron. *C. C. Babington, mss.*

HELIANTHEMUM *guttatum*. On the right side of a little hollow running up into Holyhead Mountain, at about fifty yards before reaching the descent to the South Stack Light-house. *Mag. Nat. Hist.*

ELATINE *hexandra*. In a stream flowing from Llyn Mealog, just above the mill. *Mag. Nat. Hist.*

CALLITRICHE *pedunculata*. Near Mona Inn. *C. C. Babington, mss.* Just below the mill, mentioned under Elatine hexandra, is found C. autumnalis, the only recorded Welsh station. *Mag. Nat. Hist.* (See the remarks to Callitriche pedunculata, page 588, and change "*pedunculata*" to "*autumnalis*," on page 229.)

LIMEARDA *crithmoides*. Llandwyn. *C. C. Babington, mss.*

POLYGONUM *Raii*. Between Abermenai and Llanddwyn. *C. C. Babington, mss.*

RUMEX *pratensis*. In a lane leading from Newborough to a small lake. *Mag. Nat. Hist.*

SCIRPUS *Savii*. Carreg Onnen (not Ormen); Llyn Mealog, &c. *C. C. Babington, sp.* Just below the mill on the stream flowing from Llyn Mealog; in a wet place between Newborough and Llandwyn Abbey; in almost every wet place in Holyhead Isle. *Mag. Nat. Hist.*

CAREX *punctata*. At Beaumaris, gathered many years ago by Mr. Dawson Turner, but mistaken for *C. distans*. *Comp. No.* 18.

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XL. CAERNARVONSHIRE.

"The name of the lake mentioned in the note on page 239. is Llyn ddû'r Arddû; the rock above it is Clogwyn ddû'r Arddû; the part which overhangs, farthest from the road up, is called Clogwyn ddû." *C. C. Babington, Esq.*

Thalictrum *alpinum*. Snowdon. *G. Howitt, sp.*

——— *minus*. Ormeshead. *G. Howitt, sp.*

Meconopsis *cambrica*. Fall of the Monach, at the Devil's Bridge, or Pont y Monach. *Dr. Farre.*

Glaucium *luteum*. Conway Bay. *G. Howitt, sp.*

Subularia *aquatica*. In plenty in Llyn Idwel. *Mag. Nat. Hist.* In the lake by the Inn at Capel Curig. *J. E. Leefe, mss.*

Arabis *petræa*. Clogwyn ddu'r Arddû, Snowdon. *C. C. Babington, sp.* On the lower part of that precipice. *Mag. Nat. Hist.*

Sagina *maritima*. Coast at Llanfaglan. *C. C. Babington, mss.*

Arenaria *verna*. Twll ddu. *G. Howitt, sp.*

Radiola *millegrana*. On the common near the railway at Caernarvon. *C. C. Babington, mss.*

Hypericum *dubium*. (Read "Beddegelert." — Page 238.)

——— *montanum*. (Erase "*sp.*" — Page 238.)

Lathyrus *palustris*. Wet field near Little Ormeshead. *G. Howitt, sp.*

Rosa *rubella*. (The plant mentioned under this name in the Mag. Nat. Hist. ii. 280, and on page 238 of the present work, is R. Wilsoni, as I learn from Mr. Winch.)

—— *Wilsoni*. On a sloping bank close to the Menai, between two stone-quarries, not half a mile north from the bridge, on the Caernarvonshire side, one bush being only a few yards from the edge of the quarry nearest the bridge. *Mag. Nat. Hist.* ix.

Callitriche *pedunculata*. The sessile-fruited variety is common in Caernarvonshire, and is usually taken for C. autumnalis; Llyn Llydau, Snowdon. *C. C. Babington, sp.*

Carum *verticillatum*. In the locality mentioned (page 240), but is often destroyed by the hay being cut; in plenty on the slope of Dinas Emrys, a remarkable rock adjoining the above locality, on the side farthest from the lake. *C. C. Babington, mss.*

Smyrnium *Olusatrum*. Topmost tower of Conway Castle. *J. E. Leefe, mss.*

Galium *boreale*. By the river-side at the foot of a rock half a mile above Llanberris Church; rocks near Twll ddu. *C. C. Babington, mss.*

Hieracium *sylvaticum* (pictum.) By the side of the fall of the Ogwen. *C. C. Babington, mss.*

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HIERACIUM *paludosum*. ("Near Beddegelert," not "Llanberris." — Page 240.)

LOBELIA *Dortmanna*. In the lake by the Inn at Capel Curig. *J. E. Leefe, mss.*

CAMPANULA *hederacea*. I have seen it in the second, third, and fourth stations mentioned on page 241. *C. C. Babington, mss.*

CONVOLVULUS *Soldanella*. Conway Bay. *G. Howitt, sp.*

LITHOSPERMUM *maritimum*. Between the Great and Little Ormsheads. *G. Howitt, sp.*

VERONICA *spicata*. Great Ormshead. *G. Howitt, sp.*

STATICE *spathulata*. Llandudno, near Ormshead. *G. Howitt, sp.*

POLYGONUM *viviparum*. Rocks above Ffinnon Vrech, between Crib Coch and Crib y Ddescil. *C. C. Babington, mss.*

OXYRIA *reniformis*. Clogwyn y Garnedd, &c. Snowdon. *C. C. Babington, mss.*

SALIX *herbacea*. Glydyr. *W. Brand, sp.* Above Twll Ddu. *J. E. Leefe, mss.* In plenty at the top of Snowdon. *C. C. Babington, mss.*

ALISMA *natans*. In Llanberris Lakes, particularly just above the bridge between them. *C. C. Babington, mss.*

SPARGANIUM *natans*. Llyn Idwel; in plenty in the lakes near Snowdon. *C. C. Babington, mss.*

JUNCUS *triglumis*. Between Llyn y Cwn and Twll Ddu, on Glyder Fawr. *C. C. Babington, sp.*

RHYNCOSPORA *alba*. Plentiful in the lower bog in Llanberris Vale. *C. C. Babington, mss.*

ERIOPHORUM *gracile*. In a bog on the top of Dinas Emrys. *Mag. Nat. Hist.*

SCIRPUS *Savii*. Mr. Babington gathered this at Caernarvon, in 1830, but then passed it over as S. setaceus. *Mag. Nat. Hist.*

CAREX *atrata*. On Clogwyn y Garnedd. *C. C. Babington, mss.*

——— *extensa*. Caernarvon. *C. C. Babington, mss.*

——— *binervis*. On a dry spot near Llanberris. *C. C. Babington, mss.*

POA *alpina*. On the higher rocks of Snowdon, very fine at the foot of Crib y Ddescil; near Twll Ddu, on Cwm Idwell. *C. C. Babington, mss.*

FESTUCA *bromoides*. (Common in waste places "round Bangor." B. G. — Page 244.)

XLI. DENBIGHSHIRE.

TROLLIUS *europæus*. Under the aqueduct over the Dee, Llangollin. *J. E. Leefe, mss.*

VIOLA *lutea*. Road-side between Llangollin and Corwen, about a mile from the former. *J. E. Leefe, mss.*

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VICIA *angustifolia*. Banks of the Dee among furze, near Corwen. *J. E. Leefe, mss.*

SEDUM *anglicum*. Common by the Dee, near Llangollin. *J. E. Leefe, mss.*

COTYLEDON *Umbilicus*. On every wall near Wynnstay. *J. E. Leefe, mss.*

CARDUUS *crispus*. Near Denbigh. *Comp.*

GALEOBDOLON *luteum*. Woods near Wynnstay. *J. E. Leefe, mss.*

RUMEX *pratensis*. Llangollin, on the Canal bank. *C. C. Babington. mss.*

POTAMOGETON *oblongus*. Marsh upon the upper part of the Eagle Crags at Llangollin. *C. C. Babington, mss.*

AVENA *fatua*. (Erase "*sp.*" — Page 251.)

XLII. FLINTSHIRE.

THALICTRUM *minus*. Talagoch Mountain. *J. E. Bowman, sp.*

FRODIUM *maritimum*. Hedge-banks about Rhyddlan and Rhyl, near the sea. *J. E. Bowman, sp.*

ROSA *spinosissima*. Near Caerwys. (Rev. J. Poole.) *J. C. Collins, mss.*

SAXIFRAGA *stellaris*. (For "moist" read "most." — Page 252.

XLIII. CHESHIRE.

MR. RYLANDS kindly communicated a list of several of the rarer plants, said to have been found about Warrington, in Lancashire; the stations of some of them being on the Cheshire side of the river. But I fear to copy from the list, for the plants of either county, as it professes to have been partly drawn from a source the accuracy of which there is too much ground for doubting. The doubts arise from the introduction of several plants which are very unlikely to occur in this part of England; and I am unable to say to what extent the including of others may have depended on the same authority.

SANGUISORBA *officinalis*. (Insert "*H. W.*" after "Whaley Bridge." — Page 255.)

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COTYLEDON *Umbilicus*. Near Knutsford, but not common. (Mr. Wilson.) *T. J. Rylands, mss.*

SAXIFRAGA *umbrosa*. Taxall Wood, in one place only, and there abundant. (F. D. P. Astley, Esq.) *Churchill Babington, mss.* (I think the Woods at Taxall are entirely recent plantations, and if so, the station cannot be regarded as a natural one, however plentiful may be the plants. *H. W.*)

MYRRHIS *odorata*. Very common by the banks of the river Goyt. (F. Astley, Esq.) *Ch. Babington, mss.*

VACCINIUM *Vitis Idæa*. Windgather Rocks. (F. Astley, Esq.) *Ch. Babington, mss.*

STATICE *spathulata*. Hilbury Island. (J. Forbes, Esq.) *W. Brands, mss.*

LISTERA *cordata*. (Read "Longside Hill." — Page 258.)

GAGEA *lutea*. (Read "at Bellow Hill." — Page 258.)

HORDEUM *pratense*. (Erase "*sp.*" — Page 259.)

XLIV. DERBYSHIRE.

"A VERY long, but incorrect list of Derbyshire plants is given in the first volume of Glover's History of Derbyshire, a work still in course of publication." *Rev. A. Bloxam.*

TROLLIUS *europæus*. Buxton. *Churchill Babington, mss.*

HELLEBORUS *viridis*. (Dr. Howitt refers the plants at "Matlock" and Codnor to H. fœtidus. — Page 259.)

CORYDALIS *lutea*. Matlock and Duffield, perhaps introduced. *Howitt, cat.*

HUTCHINSIA *petræa*. Monsall Dale. *Howitt, cat.* Chee Tor. *Ch. Babington, mss.*

TEESDALIA *nudicaulis*. Derbyshire. *Howitt, cat.*

COCHLEARIA *officinalis*. Stony Middleton. *Howitt, cat.*

CAMELINA *sativa*. Heanor. *Howitt, cat.*

DRABA *muralis*. High Tor, rare. *Ch. Babington, mss.*

CARDAMINE *amara*. Shipley. *Howitt, cat.*

——— *impatiens*. Langley Mill. *Howitt, cat.*

NASTURTIUM *sylvestre*. Shipley. *Howitt, cat.*

TURRITIS *glabra*. Bretby. *Ch. Babington, sp.*

RESEDA *lutea*. Bull Bridge. *G. Howitt, sp.*

VIOLA *lutea*. Cromford Moor, near Matlock Bath. *Howitt, cat.*

SILENE *nutans*. Buxton rocks. *Ch. Babington, sp.* Biggin Dale, near Hartington. *Howitt, cat.*

STELLARIA *nemorum*. Eyam Dale. *G. Howitt, sp.*

CERASTIUM *arvense*. Derbyshire. *Howitt, cat.*

TILIA *parvifolia*. Matlock. *Ch. Babington, mss.*

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HYPERICUM *montanum*. Critch. *Howitt, cat.*
——— *dubium*. Matlock. *Ch. Babington, mss.*
RHAMNUS *catharticus*. Buxton rocks. *Ch. Babington, mss.* Frequent. *Howitt, cat.*
——— *Frangula*. Coxbench. *Howitt, cat.*
ONONIS *spinosa*. Near Calke. *A. Bloxam, mss.*
LATHYRUS *Nissolia*. Breason. (Dr. Davidson.) *G. Howitt, sp.* (Dr. Howitt questions the existence of Lathyrus hirsutus, palustris, Aphaca, and Vicia lutea, in this county. See page 261.)
HIPPOCREPIS *comosa*. Monsall Dale. *Howitt, cat.*
PRUNUS *domestica*. Heanor. *Howitt, cat.*
——— *Padus*. Chapel en le Frith. *G. Howitt, sp.* Via Gellia. *Ch. Babington, mss.* (Erase "Bath."—Page 261.)
RUBUS *saxatilis*. Fin Hill, near Brushfield. *Howitt, cat.*
——— *Chamæmorus*. Holme Moss. *Ch. Babington, mss.*
COMARUM *palustre*. Derbyshire. *Howitt, cat.*
SANGUISORBA *officinalis*. (For "Dove Dale" read "Buxton."—Page 261.)
ROSA *villosa*. Heanor. *Howitt, cat.*
——— *tomentosa*. Between Ticknall and Foremark. *A. Bloxam, mss.*
——— *spinosissima*. High Tor; Monsale Dale. (F. Astley, Esq.) *Ch. Babington, mss.*
EPILOBIUM *roseum*. Heanor, frequent. *Howitt, cat.* At the bottom of a pond, the second year after it had been let dry, and the mud cleared out to the depth of three feet, several plants came up, on the right of the road between Calke Abbey and Melbourne. *A. Bloxam, mss.*
CIRCÆA *alpina*. Matlock. *Howitt, cat.*
LYTHRUM *hyssopifolium*. A single plant found with Epilobium roseum (as above). *A. Bloxam, mss.*
BRYONIA *dioica*. Rare in Derbyshire. *Howitt, cat.* In a plantation near the Stables at Calke Abbey. *A. Bloxam, mss.*
COTYLEDON *Umbilicus*. Anchor Church. *Ch. Babington, sp.* Dove Dale and Hew-gill. *Howitt, cat.* (In Mr. Babington's specimen, which is much stunted, all the flowers are nearly upright.)
SEDUM *dasyphyllum*. Dethicke. *Ch. Babington, mss.*
——— *album*. Ashford in the Water, near Bakwell. *G. Howitt, sp.*
SAXIFRAGA *cæspitosa*. I have a variety of this, the S. decipiens of Smith, from Derbyshire. *G. Howitt, mss.* (Is not the S. decipiens of Smith merely a variety of S. hypnoides? He first joined it, if I mistake not, with S. hirta, which is held to be a variety of S. hypnoides, by Hooker, Wilson, and others. *H. W.*)
CHRYSOSPLENIUM *alternifolium*. Coxbench Bogs. *G. Howitt, sp.*
PIMPINELLA *magna*. Frequent in the coal district. *Howitt, cat.*
ŒNANTHE *Phellandrium*. Ponds adjoining Swarkeston Bridge. *A. Bloxam, mss.*
SILAUS *pratensis*. Frequent. *Howitt, cat.* Meadows adjoining Swarkeston Bridge. *A. Bloxam, mss.*

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TORILIS *infesta*. Shipley. *Howitt, cat.*

MYRRHIS *odorata*. By the Derwent near Duffield; Codnor Breach. *Howitt, cat.* Wirksworth. *Ch. Babington, mss.*

VISCUM *album*. Langley, on Pyrus domestica. *G. Howitt, sp.* (Is P. communis intended?)

GALIUM *erectum*. Heanor. *Howitt, cat.*

——— *pusillum*. (Erase "Castleton." — Page 262.)

VALERIANA *rubra*. Saxton's Bath. *Ch. Babington, sp.* Matlock, perhaps introduced. *Howitt, cat.* This and several other garden plants are found about Matlock, having been introduced on the rocks and banks near the Hotel for ornament. *H. W.*

FEDIA *dentata*. Near Calke Abbey; in corn fields between Calke Park and Ticknall. *A. Bloxam, sp.* Shipley. *Howitt, cat.* Hopwell Hall. *Ch. Babington, mss.*

——— *eriocarpa*. Dove Dale. *Ch. Babington, mss.*

LACTUCA *virosa*. Near Swarkeston Bridge. *Ch. Babington, mss.*

PRENANTHES *muralis*. Heanor. *G. Howitt, sp.* Near Foremark Park. *A. Bloxam, mss.* Matlock. *Howitt, cat.*

HIERACIUM *sylvaticum*. Near Calke. *A. Bloxam, mss.*

——— *umbellatum*. Heanor. *Howitt, cat.*

——— *paludosum*. Coxbench. *Howitt, cat.*

CNICUS *eriophorus*. Cromford. *Howitt, cat.*

——— *heterophyllus*. Buxton rocks, and in a corn field near Comb's Moss. (F. D. P. Astley, Esq.) *Ch. Babington, mss.* (For "*B. G.*" read "*J. E. Bowman, mss.*" — Page 262.)

GNAPHALIUM *dioicum*. Finn Hill, near Brushfield. *G. Howitt, sp.* Buxton. (Rev. T. Gisborne.) *Ch. Babington, mss.*

SENECIO *viscosus* Cotmanhay. *Howitt, cat.*

CAMPANULA *latifolia*. By a brook near Hopwell Hall, very abundant. *Ch. Babington, mss.*

——— *Trachelium*. Pleasley Park. *Howitt, cat.*

——— *glomerata*. Buxton. *Ch. Babington, mss.*

POLEMONIUM *cæruleum*. Frequent near Bakewell and Buxton. *Howitt, cat.* Near Haddon Hall. *Ch. Babington, sp.*

VACCINIUM *Vitis-Idæa*. Cromford Moor; Combe's Moss; Holme Moss. (F. D. P. Astley, Esq.) *Ch. Babington, mss.*

——— *Oxycoccus*. Combe's Moss. *Ch. Babington, sp.*

ARBUTUS *Uva-Ursi*. Fox House, on the moors, 1835. (Mr. Bohler.) *Howitt, cat.*

ANDROMEDA *polifolia*. Combe's Moss. *Ch. Babington, sp.*

MYOSOTIS *cæspitosa*. In the Park, Calke Abbey. *A. Bloxam, mss.*

——— *sylvatica*. Matlock. *Ch. Babington, sp.*

——— *collina*. Frequent. *Howitt, cat.*

DATURA *Stramonium*. Amongst rubbish. *Howitt, cat.*

ATROPA *Belladonna*. Ruins of Hardwicke Hall and Hoarstan Castle. *Howitt, cat.*

SOLANUM *nigrum*. Egginton Heath. *Howitt, cat.*

LINARIA *Elatine*. Derbyshire. *Howitt, cat.*

LIMOSELLA *aquatica*. Banks of Shipley Reservoir, abundantly, in 1835. *Howitt, sp.*

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LYCOPUS *europæus*. Ponds in Calke Park. *A. Bloxam, mss.* Frequent. *Howitt, cat.*

MENTHA *sylvestris*. Derbyshire. *Howitt, cat.*

——— *viridis*. Derwent, near Breadsall. *Howitt, cat.*

——— *Pulegium*. (This does not grow at Pinxton or Langley. *Dr. Howitt.*)

GALEOBDOLON *luteum*. Common. *Howitt, cat.* Near Calke and Foremark. *A. Bloxam, mss.*

GALEOPSIS *Ladanum*. Lathkill Dale, on the banks of the Lathkill, near One Ash. *Howitt, sp.*

——— *versicolor*. Frequent. *Howitt, cat.*

LAMIUM *maculatum*. Darley in the Dale. *Ch. Babington, mss.*

ACINOS *vulgaris*. By the side of a gravel pit, leading from Repton Park to the Old Hays. *A. Bloxam, mss.*

LATHRÆA *squamaria*. Near Calke Abbey. *A. Bloxam, mss.* Pleasley Park. (Mr. S. Hurt.) *G. Howitt, sp.*

PRIMULA *elatior*. Coal district. *Howitt, cat.*

HOTTONIA *palustris*. Swarkeston Bridge. *Ch. Babington, sp.* Near Derby. *Howitt, cat.*

CHENOPODIUM *polyspermum*. Heanor. *G. Howitt, sp.*

——— *olidum*. A garden weed at Calke Abbey. *A. Bloxam, sp.*

DAPHNE *Mezereum*. Matlock. *Howitt, cat.*

SAGITTARIA *sagittifolia*. Ponds at Swarkston Bridge *A. Bloxam, mss.*

OPHRYS *muscifera*. Heights of Abraham. *Ch. Babington, mss.*

LISTERA *cordata*. Moors, Chatsworth. (Mr. Valentine.) *Howitt, cat.*

CROCUS *sativus*. Dr. Howitt attaches a query (?) to this plant. "Breadfall," of Turner and Dillwyn, is probably a misprint for "Breadsall." — Page 264.)

NARCISSUS *Pseudo-Narcissus*. Wild in Calke Park, near the Chinese Pond. *A. Bloxam, mss.* Hathersley Woods. *Howitt, cat.*

——— *biflorus*. Heanor. *Howitt, cat.*

TAMUS *communis*. Heanor. *G. Howitt, sp.* Hedges near Calke. *A. Bloxam, mss.* Whaley. *Ch. Babington, mss.* Common in the coal district. *Howitt, cat.*

GAGEA *lutea*. Banks of the Erewash, near Brinsley. *Howitt, sp.*

CONVALLARIA *majalis*. Lathkill Dale. *Howitt, cat.*

——— *multiflora*. Pleasley Park. *Howitt, cat.*

TULIPA *sylvestris*. Banks of the Derwent. (Rev. J. Hey.) *Howitt, cat.*

COLCHICUM *autumnale*. Ingleby. *Ch. Babington, sp.* Meadows above Swarkeston Bridge. *A. Bloxam, mss.* Meadows near Derby. *Howitt, cat.* (Possibly these descriptions intend the same spot, or adjacent localities.)

ACORUS *Calamus*. Derbyshire. *Howitt, cat.*

TYPHA *angustifolia*. Pond between Repton Shrubs and Milton. *A. Bloxam, mss.*

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SCHŒNUS *nigricans*. Derbyshire. *Howitt, cat.*
ERIOPHORUM *vaginatum*. Near Pleasley. *Howitt, cat.* Combe's Moss. (Mr. Astley.) *Ch. Babington, mss.*
CAREX *divulsa*. Common in Calke Park. *A. Bloxam, mss.*
——— *strigosa*. Near Calke Abbey. *A. Bloxam, sp.*
——— *Pseudo-Cyperus*. In a pond on the outside of Calke Park, on the south side. *A. Bloxam, mss.*
CAREX *binervis*. One Ash. *Howitt, cat.*
ALOPECURUS *agrestis*. Frequent. *Howitt, cat.*
POA *aquatica*. Ponds in Calke Park. *A. Bloxam, mss.*
BROMUS *secalinus*. Near Hopwell Hall. *Ch. Babington, mss.* Frequent in corn fields. *Howitt, cat.*
AVENA *fatua*. Heanor. *Howitt, cat.*
ELYMUS *europæus*. Pleasley Park. *Howitt, cat.*
BRACHYPODIUM *pinnatum*. Derbyshire. *Howitt, cat.*

XLV. NOTTINGHAMSHIRE.

WITH a liberality which would not find many imitators, and could not reasonably be expected to do so, Dr. Howitt several months ago forwarded to me the earlier sheets of his Flora of Nottinghamshire; giving full permission to make any use of their contents in this Supplement. Yet I must confess that some reluctance is felt to the copying of so much from an unpublished, or simultaneously published, work; even though it is little likely that the present volume can materially interfere with Dr. Howitt's Flora, though to some extent it may do so, a principal foundation of such a compilation being the selection, from local Floras, of those portions which are most interesting or useful to strangers in the districts. In my former volume, the list of Notts' plants was mainly drawn up from a printed catalogue, checked for this county by Mr. Cooper, and a large supply of specimens. It was also mentioned in the "CORRECTIONS, ETC." that a MS. Flora, which Mr. Cooper had been so kind to lend me, had come too late for use. I am sorry to say that there have been some awkward mistakes about these data, the specimens having been given to Mr. Cooper's care, by Dr. Howitt, who intended them for my use. This I was not informed of, as it seems that Mr. Cooper erroneously conceived Dr. Howitt to be unwilling to have his name mentioned as the authority for them. The checked catalogue and the MS. Flora had also been both made or drawn up partly from the MSS. of Dr. Howitt; a circumstance of which I was equally ignorant at that time. Had I been then aware that Mr. Cooper was almost a stranger in the county, and had enjoyed

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few opportunities of botanizing there, it would certainly have been stated that the plants were not introduced into the list on the personal authority of that gentleman, although it was mentioned in the Introductory Observations, page 5, that "*sp.*" only indicated a specimen to have been *received* from the person to whose name it was added, and not that the specimen had been in every case gathered by the individual named. Still, throughout the volumes, as often as the donor intimated that his specimens had been received from another party, the name of the latter has almost invariably been mentioned, and usually distinguished by being printed (parenthetically) in the ordinary Roman letters instead of *italics*, and the same course was taken with the "*mss.*" notes. My impression was that Mr. Cooper sent the specimens to be exchanged for those of other species which were *desiderata* to him. In so far as the first volume of this work is concerned, the correction is to be made by a memorandum indicating that Mr. Cooper derived his specimens of the plants of the county, chiefly from Dr. Howitt. Here, however, the list is almost entirely recopied from Dr. Howitt's Flora (*Nott.*), that in the former volume being scarcely of any assistance to collectors, from the want of specified stations. Such stations as have not been recently verified, within the knowledge of Dr. Howitt, are distinguished by having the authority (Ordoyno or Deering) added. There is yet another circumstance connected with Mr. Cooper's Catalogue to which it is requisite particularly to allude, because it has caused the introduction of plants into the Nottinghamshire list, in my former volume, which appear to have an uncertain claim to be named as natives of the county, being wholly unnoticed by Dr. Howitt. They are the following: — Stellaria nemorum, Arenaria verna, Cerastium tetrandrum, Althæa officinalis, Geranium rotundifolium, Trifolium ochroleucum, T. subterraneum, Lotus angustissimus, Scleranthus perennis, Lonicera Caprifolium, Galium pusillum, G. erectum, Senecio viscosus, Mentha viridis, M. citrata, M. gentilis, Teucrium Chamædrys, Salix arenaria, and Potamogeton rufescens. Several of these are such plants as we might have expected to find in this part of England; others are unlikely. In Mr. Cooper's MSS. Flora, before mentioned, these are all omitted, except Althæa officinalis, Mentha viridis, M. citrata, Salix arenaria, and Potamogeton rufescens.

CLEMATIS *Vitalba*. Here and there in hedges (Deering). *Nott.*

MYOSURUS *minimus*. On the bank of a field between Radford and Wollaton; Coddington, and Upton, near Southwell; Normanton. *Nott.*

RANUNCULUS *parviflorus*. Colwick Wood; Clifton Lane, by the road side. *Nott.*

HELLEBORUS *viridis*. Grives Wood. *Nott.*

DELPHINIUM *Consolida*. Nottingham Park; Trent-side near Wilford. *Nott.*

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CORYDALIS *bulbosa*. In an old quarry at Mansfield; near Annesley Church. *Nott.*

NASTURTIUM *sylvestre*. Very common on the banks of the Trent, and not unfrequent elsewhere. *Nott.*

TURRITIS *glabra*. Field between Radford and Lenton; Lenton; Bestwood Park; near Bulwell and Cuckney. *Nott.*

CARDAMINE *impatiens*. Banks of the Cromford Canal, near Brinsley and Langley Mill. *Nott.*

——— *amara*. Hop grounds on the Grete, Southwell; near Mansfield; in many places on the Trent, from the junction of the Erewash down to Nottingham. *Nott.*

COCHLEARIA *officinalis*. Walls at Wollaton (Deering); Kirkby (Ordoyno). *Nott.*

TEESDALIA *nudicaulis*. Very common throughout the sand district. *Nott.*

HESPERIS *matronalis*. Colwick Park; Wilderness at Colwick; Clifton Hill. *Nott.*

CAMELINA *sativa*. Banks of the Trent opposite Colwick. *Nott.*

LEPIDIUM *Smithii*. West Leake. *Nott.*

RESEDA *lutea*. Bulwell; near Pleasley; Nottingham Meadows; near Wilford Boat. *Nott.*

——— *fruticulosa*, (or *alba*.) Nottingham Castle. *Ch. Babington, sp.* (Probably planted or sown there, as not being mentioned by Howitt. The same remark will apply to Hypericum Androsæmum. Botanists should be cautious of sending specimens from doubtful places, without explanation, as if really wild ones.)

DROSERA *longifolia*. Stapleford Moor. *Nott.*

VIOLA *lutea*. Bramcote. *Nott.*

DIANTHUS *deltoides*. Beeston Lane; Nottingham Park, and Forest, in several places. *Nott.*

——— *Caryophyllus*. Rufford. *Nott.*

SILENE *anglica*. Frequent near Mansfield; Farnsfield and Oxton Forests. *Nott.*

——— *nutans*. Nottingham Castle. *Ch. Babington, sp.* Rocks in Nottingham Park; rock at Sneinton Hermitage. *Nott.* "Since the burning of Nottingham Castle, the Catchfly has spread itself nearly over the whole of the ruins."

——— *noctiflora*. Between Mansfield and Sutton-in-Ashfield; fields near Bilborough. *Nott.*

MŒNCHIA *erecta*. Abundant in the neighbourhood of Nottingham. *Nott.*

CERASTIUM *arvense*. Radford; Farnsfield; Nottingham Park and Forest; Bulwell; Mansfield. *Nott.*

RADIOLA *millegrana*. Stapleford Moor; about Farnsfield and Ollerton. *Nott.*

TILIA *parvifolia*. Frequent. *Nott.*

HYPERICUM *Androsæmum*. Nottingham Castle. *Ch. Babington, sp.*

——— *montanum*. Between Bulwell and Nuthall, in several places; Mapperley Hills. *Nott.*

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HYPERICUM *dubium*. On the road-side from Nottingham to Edwalton, near West Bridgford. *Nott.*

GERANIUM *phæum*. The Rev. G. Crabbe, in B. G., is the only authority for this species in Nottinghamshire. Probably a stray plant from some garden might have been seen by him.

——— *sanguineum*. Creswell Crags. *Nott.*

ERODIUM *maritimum*. Near Sherwood Hall, on the margin of the Forest, where it covers a bank of sand for more than a mile. *G. Howitt, sp.* Near the Rock Houses, Mansfield. *Nott.*

——— *moschatum*. Nottingham Lammas Fields. *Nott.*

RHAMNUS *catharticus*. Frequent. *Nott.*

——— *Frangula*. Frequent in the magnesian limestone district. *Nott.*

ULEX *nanus*. Mansfield Forest, near Fountain Dale; Wollaton Old Pits (Deering); Potter's Hill, and fields near Thurlby Moors (Ordoyno). *Nott.*

ONONIS *spinosa*. Frequent. *Nott.*

ASTRAGALUS *glycyphyllos*. Woods near Colwick, and Clifton; Beeston Lane, and Shaw's Lane, near Nottingham; in several places near Newark (Ordoyno). *Nott.*

LOTUS *tenuis*. In fields between Gotham and West Leake. *Nott.*

MEDICAGO *sativa*. Mansfield and Hoveringham (Ordoyno); in plantations on Sutton Forest. *Nott.*

——— *maculata*. Common in the neighbourhood of Nottingham. *Nott.*

VICIA *angustifolia*. In many parts of Nottingham Park, and on the Race Course. *Nott.*

——— *lathyroides*. Nottingham Park and in several parts of the Bowling Alley Fields. *Nott.*

LATHYRUS *sylvestris*. Colwick Park pales (Deering); near the Toll Bar on Debdon Hill, between Kelham and Caunton; between Clifton and Barton, by the road-side; on Mapperly Hills. *Nott.*

——— *Nissolia*. Fields on the Beacon Hill, Newark (Ordoyno). *Nott.*

HIPPOCREPIS *comosa*. In several parts of Nottingham Park (Deering). *Nott.*

ONOBRYCHIS *sativa*. Beacon Hill Fields, Newark; Kirkby Hardwick; Bulwell Lime Quarries, near the Wood Hall. *Nott.*

PRUNUS *Padus*. Norwood Park; Colwick Woods. *Nott.*

FRAGARIA *elatior*. Woods near Pleasley. *Nott.*

POTENTILLA *argentea*. Quonce Close, Newark; Farnsfield; Bramcote; Chilwell; Nottingham Park; and Larkdale. *Nott.*

COMARUM *palustre*. Rather frequent. *Nott.*

SANGUISORBA *officinalis*. Frequent. *Nott.*

ROSA *spinosissima*. In many places. *Nott.*

——— *villosa*. Bramcote Moor; near Wollaton and Aspley. *Nott.*

——— *tomentosa*, (and scabriuscula). Frequent. *Nott.*

ROSA *micrantha*. In an old stone quarry, near Bulwell Wood Hall. *Nott.*

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ROSA *inodora* (Borreri). Common. *Nott.*

—— *canina* (Forsteri and sarmentacea). Common. *Nott.*

PYRUS *communis.* Observed by Ordoyno alone. *Nott.*

—— *torminalis.* Colwick Park; near Mapperley Hills. *Nott.*

EPILOBIUM *roseum.* Frequent in the vicinity of Nottingham; and in many places in the Trent Vale. *Nott.*

MYRIOPHYLLUM *verticillatum.* Trent below Colwick (Deering); in a pool in Nottingham Meadows; plentifully. *Nott.*

CERATOPHYLLUM *demersum.* Nottingham Meadows. *Nott.*

LYTHRUM *hyssopifolium.* Not now found in the station given in B. G. from Deering.

BRYONIA *dioica.* Common. *Nott.*

HERNIARIA *glabra.* Quonce Close, near Newark; and sandy closes thence toward Hawton. (Ordoyno). *Nott.*

SEDUM *dasyphyllum.* Walls of Kirkby Church (Ordoyno). *Nott.*

—— *glaucum.* Near Nottingham (Deering). *Nott.*

RIBES *rubrum.* Not frequent. *Nott.*

—— *alpinum.* Felley Mill, near Annesley. *Nott.*

—— *nigrum.* By the Leen side at Basford, and Radford (Deering); Papplewick Bridge, on the road to Linby (Ordoyno); Drury's Dam; Carbanks Wood, and in other places near Mansfield. *Nott.*

CHRYSOSPLENIUM *alternifolium.* Bottom of Epperstone Wood; Near Carbanks Field; Fountain Dale, and bogs near Farnsfield. *Nott.*

TORILIS *infesta.* Gamston Moor; between Gotham and West Leake, on the lias limestone. *Nott.*

PASTINACA *sativa.* Morton, near Southwell. *G. Howitt, sp.* "Principally in the clay and lias limestone districts. I have not observed it in the sand or magnesian limestone district; and in only one station in the coal formation." *Nott.*

PEUCEDANUM *palustre.* By the side of a small stream between Mansfield Wood House and Park Hall. *Nott.*

ANGELICA *Archangelica.* "Wellow Park, undoubtedly indigenous." *Nott.* (The words are quoted from Mr. Jowett.)

SILAUS *pratensis.* Rather frequent. *Nott.*

FŒNICULUM *vulgare.* Nottingham Castle rock. *Nott.* and *Ch. Babington, sp.*

ŒNANTHE *pimpinelloides.* Bulwell and Morton; Farnsfield Car, and Clifton Cow-pasture. *Nott.*

—— *peucedanifolia.* Halam Bottoms and Southwell. *Nott.* (Erase "*sp.*" The specimen probably belongs to Œ. pimpinelloides. — Page 266.)

—— *Phellandrium.* In many parts of the Trent Vale; banks of the Erewash, below Eastwood. *Nott.*

BUPLEURUM *rotundifolium.* Corn fields near Creswell Crags. *Nott.*

PIMPINELLA *magna.* Frequent in the coal and red clay districts; rather rare elsewhere. *Nott.*

SIUM *latifolium.* Old Trent ditches, near Averham Meadows (Ordoyno); banks of the Grete, near Southwell. *Nott.*

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CARUM *Carui.* Newark Meadows (Ordoyno); field between Hucknall-under-Huthwaite and Whiteborough, by the foot road; Nottingham Meadows, and near the Toll Bar, on the Forest. *Nott.*

SISON *Amomum.* Newark and Southwell; Green Hill, Colwick; between Gedling and Bulcote; near East Leake and Bunny. *Nott.*

PETROSELINUM *sativum.* On the rocks in Nottingham Park. *Nott.*

APIUM *graveolens.* Costock (Deering); Lenton; Kirklington Toll Bar; Halam Cross; Thurgarton; Lowdham; banks of the Leen, near Nottingham; near the Mill in the Hole, Basford. *Nott.*

CICUTA *virosa.* Formerly found in the Fish Pond, Nottingham Park, the site of which is now occupied by gardens, and the plant eradicated; also in the Leen, opposite the Rock Holes, but sought in vain for ten or twelve years past. *Nott.*

ANTHRISCUS *Cerefolium.* Trent side near Clifton; Nuthall. *Nott.*

MYRRHIS *odorata.* Near Bramcote. *Nott.* (Erase "*sp.*" — Page 267.)

SMYRNIUM *Olusatrum.* Nottingham Castle Rock. *Nott.*

VIBURNUM *Lantana.* Colwick. *Nott.*

VISCUM *album.* Frequent on the apple and pear, in many parts of the county. *Nott.*

GALIUM *tricorne.* In a corn field between Gotham and West Leake. *Nott.* (This is G. saccharatum of Dr. Howitt's Flora; and Mr. Cooper's specimen of G. saccharatum, mentioned on page 267 of the present work, also proves to be G. tricorne.)

FEDIA *dentata.* Mansfield; Cinder Hill, Bulwell and Ollerton. *Nott.*

DIPSACUS *pilosus.* Pleasley Forge; Flintham Wood, Epperstone Wood; Thurgarton; Beauvale Abbey. *Nott.*

HYPOCHŒRIS *glabra.* Oxton Forest. (Ordoyno.) *Nott.*

HIERACIUM *sylvaticum.* Frequent. *Nott.*

——— *umbellatum.* Frequent. *Nott.*

——— *paludosum.* In a boggy field between Annesley and Annesley Woodhouse. *Nott.*

CREPIS *biennis.* Halam Hill, and Oxton Hill. (Ordoyno.) *Nott.*

PRENANTHES *muralis.* Basford Church; Southwell; Coddington: between Blyth and Bawtry; Mansfield; Edingley; Felley Mill; Nuthall. *Nott.*

LACTUCA *saligna.* In the hollow way at Carleton. (Pultency. *Nott.* (It appears that neither this station, nor the one mentioned on page 267, has been verified by the present botanists of the county.)

——— *virosa.* By the Trent at Clifton, and Colwick Saw-yard; Southwell, Coddington, and between Blyth and Bawtry. *Nott.*

SONCHUS *palustris.* Eddingley Moor; Edingley Mill Dam. *Nott.*

CNICUS *acaulis.* On Sherwood Forest, between Budby and Ollerton; between Darlton and Great Markham. *Nott.*

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CNICUS *pratensis*. In the Moon Meadows, near Clifton Cow-pastures. *Nott.*

——— *eriophorus*. Normanton, Kirklington, Debdon Hill Toll Bar, Caunton, and High-cross Hill, near Thurgarton; between Bulwell and Nuthall, and Broxtowe. *Nott.*

ONOPORDUM *Acanthium*. Frequent in the vicinity of Nottingham. *Nott.*

GNAPHALIUM *dioicum*. On Mansfield Forest, near the gate leading off the forest to Blidworth. *Nott.*

CONYZA *squarrosa*. Pleasley (Deering); in a lane leading from Mansfield Woodhouse to Mansfield Forest. *Nott.*

ERIGERON *acris*. Frequent in the magnesian limestone and sand district. *Nott.*

SENECIO *saracenicus*. Banks of Greasley Reservoir. *Nott.* (See Convallaria multiflora.)

ANTHEMIS *nobilis*. Bestwood Park; in several places near Nottingham. *Nott.*

CAMPANULA *patula*. Wellow Park, near Ollerton. *Nott.*

——— *Rapunculus*. Plantation at Coddington. (Ordoyno.) *Nott.*

——— *latifolia*. Rather frequent in the coal and red-clay districts, rare elsewhere. *Nott.*

——— *rapunculoides*. A troublesome weed in several places near Nottingham. *Nott.*

——— *Trachelium*. Pleasley Wood, on the magnesian limestone, and woods near West Leake. *Nott.*

——— *glomerata*. Mansfield; Newark Meadows; Trowell Moor; near Annesley. *Nott.*

VACCINIUM *Vitis-Idæa*. In bogs on the Rainworth; particularly abundant near Fountain Dale; Papplewick Forest. *Nott.*

——— *Oxycoccus*. Oxton Bottoms. *Nott.*

PYROLA *minor*. In a wood near the Welbeck Toll Bar. *Nott.*

MONOTROPA *Hypopitys*. Oak plantations near Ollerton. *Nott.*

GENTIANA *Pneumonanthe*. Langford and Stapleford Moors; Houghton Park, near Tuxford. *Nott.*

CHLORA *perfoliata*. Most frequent in the magnesian limestone district. *Nott.*

VILLARSIA *nymphæoides*. In the Lake at Welbeck. *Nott.*

CUSCUTA *Epithymum*. About Southwell. *Nott.*

ANCHUSA *sempervirens*. Near Ollerton; Mansfield Quarries, and in an old quarry at Colwick. *Nott.*

MYOSOTIS *repens*. Pleasly, Rainworth, and Oxton bogs. *Nott.*

——— *sylvatica*. Clifton Grove, abundantly. *Nott.*

——— *collina*. Frequent in the sand district. *Nott.*

VERBASCUM *Lychnitis*. (Not verified in the locality of Clifton.)

——— *pulverulentum*. (Not verified at Wollaton Hall and Nottingham.)

——— *nigrum*. Rufford, Wollaton, Mansfield, and near Clipstone Water; Annesley; Ollerton. *Nott.*

SOLANUM *nigrum*. Common in the vicinity of Nottingham. *Nott.*

ATROPA *Belladonna*. Gypsum Cliff, at Clifton; stone quarries at Mansfield, and one or two other stations in the neighbourhood of Cuckney Church-yard Close. *Nott.*

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RHINANTHUS *major*. Lane leading to Stapleford Moor. *Nott.*
LINARIA *spuria*. Clifton Hill, (Deering); West Leake. *Nott.*
——— *Elatine*. Rather frequent. *Nott.*
LIMOSELLA *aquatica*. In gravel pits near Kirklington Mill. *Nott.*
LYCOPUS *europæus*. Rather frequent. *Nott.*
LEONURUS *Cardiaca*. Basford; Lenton; Broxtowe; Mansfield; near Newark; Greasley, near the Toll Bar. *Nott.*
MENTHA *sylvestris*. Radford; Grete Bridge, Southwell; Trent Ditches, Newark; Mansfield Bath; Thurgarton; Beauvale Abbey. *Nott.*
——— *rotundifolia*. Mansfield Bath (Deering); Beauvale Abbey. *Nott.*
——— *piperita*. Banks of the Grete, near the Water Mill, Southwell; Bleasby. *Nott.*
——— *rubra*. Bleasby. *Nott.*
——— *gracilis*. Rather common. *Nott.*
——— *Pulegium*. Gunthorpe; Wellow Green; Kirklington Water Mill. *Nott.*
GALEOBDOLON *luteum*. Very common. *Nott.*
GALEOPSIS *Ladanum*. West Leake, on the lias limestone. *Nott.*
——— *villosa*. Newark; Farnsfield; Balderton; Barnby; Coddington; near Annesley; Oxton Forest. *Nott.*
——— *versicolor*. Rather frequent. *Nott.*
ACINOS *vulgaris*. Common, on the magnesian limestone. *Nott.*
CALAMINTHA *officinalis*. Basford; Nottingham Park; North Collingham; between North and South Muskham; Morton; Papplewick; Harlow Wood. *Nott.*
——— *Nepeta*. In fields about Coddington. *Nott.*
LATHRÆA *squamaria*. Newstead; Epperstone; Bulwell; Harlow Wood, near Mansfield. *Nott.*
UTRICULARIA *minor*. Edingley Moor. (Ordoyno.) *Nott.*
CYCLAMEN *hederæfolium*? (The station mentioned on page 269 does not appear to be confirmed by present botanists.)
PRIMULA *elatior*. Oxton Toll Bar; Epperstone Wood; Bulwell; near Eastwood; Greasley. *Nott.*
HOTTONIA *palustris*. Frequent in the Trent Vale. *Nott.*
ANAGALLIS *cærulea*. Clifton. *Nott*
LITTORELLA *lacustris*. Oxton bogs; banks of Greasley Reservoir. *Nott.*
CHENOPODIUM *murale*. Common in the vicinity of Nottingham; not frequent in other parts of the country. *Nott.*
——— *olidum*. Halam; Nottingham Lammas Fields; between Radford Forest and the Church. *Nott.*
——— *polyspermum*. Radford; Eastwood and Langley Mill. *Nott.*
BETA *maritima*. About Nottingham, according to the older botanists, but not found there now.
POLYGONUM *minus*. Ditches in the meadows, between Nottingham and Lenton, frequent. *Nott.*
——— *Fagopyrum*. Sherwood Forest, &c. &c. *Nott.* (Doubtless introduced.)

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RUMEX *maritimus*. Clifton Cow-pastures. *Nott.*
——— *pulcher*. Nottingham Park. *G. Howitt, sp.* Near Radford Church. *Nott.*
EUPHORBIA *amygdaloides*. Colwick Wood. (Deering.) *Nott.*
MERCURIALIS *annua*. Southwell; Newark; Lammas Fields, near Shaw's Lane, Nottingham. *Nott.*
BUXUS *sempervirens*. No station is given by Dr. Howitt, and the plant appears to be introduced on the sole authority of Ordoyno.
EMPETRUM *nigrum*. Sherwood Forest, near Mansfield; in a fir plantation two miles from Mansfield; Fountain Dale; Oxton Bogs. *Nott.* Nottingham Meadows. *G. Howitt, sp.*
ULMUS *suberosa*. Frequent near Nottingham. *Nott.*
——— *carpinifolia*. Red Hill; near Farnsfield. *Nott.*
——— *glabra*. Bramcote. *Nott.*
CASTANEA *vulgaris*. Very common. *Nott.*
QUERCUS *sessiliflora*. Clifton Grove. *G. Howitt, sp.* Plentiful near Clifton. *Nott.*
CARPINUS *Betulus*. Frequent. *Nott.*
POPULUS *canescens*. Frequent. *Nott.*
SALIX *Helix*. Frequent. *Nott.*
——— *Lambertiana*. Oxton Bogs. *Nott.*
——— *rubra*. Frequent at Wilford, and Clifton. *Nott.*
——— *triandra*. Frequent. *Nott.*
——— *amygdalina*. Clifton. *Nott.*
——— *pentandra*. Frequent. *Nott.*
——— *decipiens*. Near Nottingham. *Nott.*
——— *Russeliana*. Common. *Nott.*
——— *vitellina*. Common. *Nott.*
——— *petiolaris*. Saw-yard in Colwick Park. *Nott.*
——— *glauca*. Basford Scottum; Bulwell Bogs. *Nott.* (Is there not some mistake about this?)
——— *Smithiana*. Frequent. *Nott.*
——— *cinerea*. Rather common. *Nott.*
——— *aquatica*. Oxton Bogs; not uncommon in many parts of the county. *Nott.*
——— *oleifolia*. Oxton Bogs. *Nott.*
——— *sphacelata*. Bulwell Bog. (Is this correct?)
——— *cotinifolia*. Near Clipstone and Mansfield Woodhouse. *Nott.*
PINUS *sylvestris*. Naturalised on Mansfield Forest. *Nott.*
HYDROCHARIS *Morsus-ranæ*. Beeston; Lenton; Gamston; near Kelham Bridge (Ordoyno); Nottingham Meadows, plentiful: — all in the Trent Vale. *Nott.*
STRATIOTES *aloides*. Clay-pits, Stoke Park, near Newton (Ordoyno); in the moat at Strelley. *Nott.*
SAGITTARIA *sagittifolia*. Common *Nott.*
ORCHIS *ustulata*. Near Bulwell; fields between Sutton-in-Ashfield and Kirkby Hardwick. *Nott.* (Other places are mentioned by Ordoyno.)

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ORCHIS *hircina*. (Not to be found in the places mentioned on page 270.)

——— *pyramidalis*. Frequent in the magnesian limestone and red-clay districts. *Nott.*

OPHRYS *apifera*. In the magnesian and lias limestone districts, rare; Bulwell and Mansfield lime-quarries; Kirkby Hardwick; quarry near Bulwell Wood Hall; plantations near West Leake. *Nott.*

NEOTTIA *spiralis*. Colwick (Pultney); recently found in the north of the county. *Nott.*

EPIPACTIS *grandiflora*. Woods between Newstead and Linby. *Nott.*

——— *ensifolia*. Near Welbeck. *Nott.*

CROCUS *vernus*. Near the Larkdale Fields; Nottingham Meadows. *Nott.*

——— *nudiflorus*. Nottingham Meadows; fields near St. Ann's Well; Nottingham Park; in several fields between Fox Lane and Mapperley Hills. *Nott.*

GALANTHUS *nivalis*. Hoveringham; first field below Wilford Boat. *Nott.*

NARCISSUS *Pseudo-Narcissus*. Thicket near Oxton Toll Bar. (Ordoyno.) *Nott.*

TAMUS *communis*. Frequent. *Nott.*

RUSCUS *aculeatus*. Between Nottingham and Radford. *Nott.*

CONVALLARIA *majalis*. "In the great wood about a mile on the right from Potter's Hill, going from Newark on the Lincoln Road; and in a valley at Cockglade, near Ollerton, plentifully." *Nott.*

——— *multiflora*. Pleasley Park. *Nott.* I have heard a few days ago, from Mr. Eddison, that Convallaria multiflora and Senecio saracenicus both grow at Cresswell Crags, in the north of the county. *Dr. Howitt, lre.*

ALLIUM *oleracum*. Sheep-wash Lane near Mansfield; Mansfield Woodhouse; Wood between Bulwell and Nuthall; near Bobber's Mill; in Nottingham Park. *Nott.*

GAGEA *lutea*. Pleasley Wood; banks of the Erewash, near Brinsley Limekilns. *Nott.*

ORNITHOGALUM *umbellatum*. Between Kirkby and Kirkby Hardwick; Nottingham Meadows; fields near Larkdale. *Nott.*

——— *nutans*. Nottingham Meadows. *Nott.*

TULIPA *sylvestris*. Nottingham Meadows. *Nott.*

COLCHICUM *autumnale*. Newark; Holme Meadows, beyond Winthorpe, near the river; Winkburn; Mansfield; near Sandbeck. *Nott.*

TYPHA *angustifolia*. Wollaton; Bulwell; between Bulwell and Papplewick; near Eastwood; King's Meadows, near Nottingham. *Nott.*

SPARGANIUM *natans*. Ponds at Kirkby Hardwick. *Nott.*

ACORUS *Calamus*. In many places on the banks of the Trent, from Barton to Colwick; banks of the Erewash, near Eastwood; Papplewick Forest. *Nott.*

POTAMOGETON *zosteræfolius*. Ditch in Lenton Lane. *Nott.*

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LEMNA *trisulca*. Frequent. *Nott.*
——— *gibba*. Frequent. *Nott.*
——— *polyrhiza*. Very common. *Nott.*
JUNCUS *obtusiflorus*. Common. *Nott.*
BLYSMUS *compressus*. Southwell; Bulwell Bogs; Sutton-in-Ashfield; Kirkby Hardwick; Fountain Dale Bogs. *Nott.*
SCHŒNUS *nigricans*. Basford Scottum; Edingley Moor; Bulwell and Papplewick Forests; Pleasley and Fountain Dale Bogs. *Nott.*
ELEOCHARIS *multicaulis*. Bogs near Kirkby Hardwick. *Nott.*
ERIOPHORUM *vaginatum*. Common. *Nott.*
——— *pubescens*. Between Newstead and Linby; Stapleford Moor. *Nott.*
CAREX *intermedia*. Frequent. *Nott.*
——— *teretiuscula*. Near the Bleak Hills, Mansfield. *Nott.*
——— *digitata*. Pleasley Wood, on the magnesian limestone. *Nott.*
——— *Pseudo-Cyperus*. Banks of the Erewash, near Toton. *Nott.*
——— *stricta*. Rather frequent. *Nott.*
LOLIUM *temulentum*. Near Southwell. *Nott.* (The specimen, from Mr. Cooper, belongs to L. arvense, if worth while to make a distinction between them. — Page 271.)
HORDEUM *pratense*. Nottingham Meadows. *G. Howitt, sp.* Frequent. *Nott.*
ELYMUS *europæus*. Pleasley Park and Wood; woods near Felley Mill. *Nott.*
BRACHYPODIUM *pinnatum*. Rather frequent on the magnesian limestone. *Nott.*
ALOPECURUS *agrestis*. Frequent. *Nott.*
CALAMAGROSTIS *Epigejos*. Between Bulwell and Nuthall. *Nott.*
——— *lanceolata*. By the side of the bridle road, leading from Radley to Epperstone Woods (Ordoyno); in a coppice between Bulwell and Bulwell Hall. *Nott.*
AGROSTIS *Spica-venti*. About Nottingham. (Ray.) *Nott.*
MELICA *nutans*. Pleasley Wood. *Nott.*
AIRA *canescens*. Near Nottingham. (Deering.) *Nott.*
AVENA *fatua*. Near Southwell. *Nott.*
——— *strigosa*. Near West Leake. *Nott.*
BROMUS *secalinus*. Southwell; West Leake. *Nott.*
——— *racemosus*. Frequent in the Trent Vale. *Nott.*
——— *arvensis*. Fields above Mapperley Place. *Nott.*
FESTUCA *bromoides*. Common. *Nott.*
POA *aquatica*. Very common. *Nott.*
——— *distans*. Frequent on the banks of the Leen from Nottingham to Bulwell. *Nott.*

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XLVI. LINCOLNSHIRE.

Dr. Howitt has favoured me with the following short list of plants "observed near Friestone, in 1826." The "*sp.*" indicates a specimen from Dr. Howitt.

Arenaria peploides, *sp.*
——— marina, *sp.*
Althæa officinalis, *sp.*
Comarum palustre.
Apium graveolens.
Sium latifolium, *sp.*
Œnanthe Phellandrium.
Artemisia maritima, *sp.*
——— gallica.
Aster Tripolium, *sp.*
Chlora perfoliata, *sp.*
Galeopsis versicolor.
Statice Limonium *, *sp.*
Salicornia herbacea, *sp.*
Salsola Kali, *sp.*
Chenopodium maritimum, *sp.*
Atriplex portulacoides, *sp.*
——— littoralis, *sp.*
Sparganium natans.
Hordeum maritimum, *sp.*
Rottbollia incurvata, *sp.*
Spartina stricta, *sp.*

XLVII. YORKSHIRE.

Thalictrum *minus.* Malham Cove. *Ch. Babington, sp.* On Ingleborough. *J. E. Leefe, mss.*

Trollius *europæus.* Leeds. *H. Denny, mss.*

Helleborus *viridis.* Near Brompton. *J. Ward, sp.* Marske, near Richmond. *J. E. Leefe, sp.* In a meadow near Wharfe; in a plantation near Little Bank, two miles from Settle. *J. Tatham, mss.* Abundantly in the locality for Cypripedium, near Helmsley. *Comp.*

Actæa *spicata.* Ingleborough Hill. (T. Howson.) *J. Tatham, sp.* I found it twenty years ago in Liley Wood, on the road to Barnsley (not Barnsby) from Halifax. *R. Leyland, mss.*

Epimedium *alpinum.* ("This never did grow in Bingley Woods. I have seen it somewhere asserted that a plant was introduced there, for the purpose of imposing on the late Dr. Richardson." *Mr. Leyland.* — Page 275.)

Meconopsis *cambrica.* Near the village of Feizor, four miles from Settle. *J. Tatham, sp.*

* Statice reticulata sought without success, by Dr. Howitt.

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CORYDALIS *claviculata*. In the lane from Richmond to Skeeby. *J. Ward, mss.*

DRABA *incana*. Very abundant close to Settle, and on all the adjacent hills of limestone. *J. Tatham, mss.*

——— *muralis*. Malham Cove. *J. Tatham, sp.* Kilnsay Crag. *J. Ward, sp.*

HUTCHINSIA *petræa*. Near Thoralby, Wensleydale. *J. Ward, sp.*

TEESDALIA *nudicaulis*. Leeds. *H. Denny, mss.*

IBERIS *amara*. (Probably an outcast from a garden, and washed down by the river. *Mr. John Tatham.* — Page 277.)

THLASPI *alpestre*. Malham, near the Cove. *J. Ward, sp.*

——— *perfoliatum*. (Never found at the place mentioned, which should be written Giggleswick, not Grislewick. *Mr. John Tatham.* — Page 276.)

CAKILE *maritima*. Sand hills at Redcar. *J. E. Leefe, mss.*

CARDAMINE *amara*. In a copse by the Ouse, at Nunmonckton Ferry. *J. E. Leefe, mss.*

——— *impatiens*. Crow-nest Wood, near Settle. *J. Tatham, sp.*

NASTURTIUM *sylvestre*. Leeds. *H. Denny, mss.*

BRASSICA *campestris*. Banks of Gilling Beck, Richmond. *J. Ward, mss.*

VIOLA *lutea*. Training Ground and Race Ground, Richmond. *J. Ward, mss.* (*Not* in the Black Plantation. Attermire is intended by Attermine. — Page 277.)

DROSERA *anglica*. Lakeby Car, near Topcliffe; the station at Thirsk is the same. *J. E. Leefe, mss.* (Erase "*sp.*" — Page 277.)

——— *longifolia* (The locality "on the red marl near Richmond" is to be expunged. — Page 277.)

DIANTHUS *Caryophyllus*. Walls of Fountains Abbey, near Ripon. *J. Ward, mss.*

SILENE *maritima*. (*Not* in Wensleydale. *Mr. Ward.* — Page 277.)

——— *noctiflora*. The station at Thirsk is in corn fields between Sowerby and Thirkleby. *J. E. Leefe, mss.*

SPERGULA *subulata*. Leeds. *H. Denny, mss.*

STELLARIA *nemorum*. Whitfell Gill, Askrigg. *J. Ward, mss.*

ALTHÆA *officinalis*. Leeds. *H. Denny, mss.*

TILIA *grandifolia*. Near Burton in Bishop-dale. *R. B. Bowman, sp.* Clink Bank, Richmond, truly wild. *J. Ward, sp.*

GERANIUM *nodosum*. Leeds. *H. Denny, mss.* ("Certainly not a native of this, nor do I know any such place as Waterham." *Mr. Leyland.* The specimen mentioned is a small fragment of the plant, but I entertain scarcely any doubt as to the species; and the name on the ticket appears to be "Waterham," though written rather indistinctly. — Page 278.)

——— *pyrenaicum*. Fields behind the village of Sowerby, near Thirsk. *J. E. Leefe, sp.*

——— *sanguineum*. Kelcoe Wood, near Settle. *J. Tatham, sp.*

ULEX *nanus*. Gatherby Moor, near Richmond. *J. Ward, mss.*

ONONIS *spinosa*. Skeeby, near Richmond; also near Halnaby Hall. *J. Ward, mss.*

ASTRAGALUS *glycyphyllos*. By the Ure at Tanfield. *J. E. Leefe, mss.*

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HIPPOCREPIS *comosa*. Rocks above Settle. *J. Tatham, sp.* Cronkley Fell. *Comp.* Gordale Scar; Kilnsay Crag. *J. Ward, mss.*

OROBUS *sylvaticus*. (O. tuberosus was the name intended to have been marked by Mr. Ward. — Page 280.)

PRUNUS *Padus*. Leeds. *H. Denny, mss.*

POTENTILLA *verna*. Kilnsay Crag; Gordale Scar. *J. Ward, sp.*

——— *alpestris*. Rocks near the Calamine Mine, above Settle. *J. Tatham, sp.*

COMARUM *palustre*. Cockit Moss, Austwick Moss, near Settle. *J. Tatham, sp.*

ALCHEMILLA *alpina*. (Ray will be the only authority for this plant, in Yorkshire, the station mentioned being in Westmoreland. — Page 281.)

ROSA *spinosissima*. Common on the road-side between Burlington and Scarborough. *A. Bloxam, mss.* Crow-nest Wood, near Settle. *J. Tatham, sp.* Leeds. *H. Denny, mss.* Road-side between Thirsk and the Tontine. *J. E. Leefe, mss.*

—— *Sabini* (Doniana). Helk's Wood, near Ingleton. *J. Tatham, sp.* At the top of a woody bank, a little above Croft, on the Yorkshire side of the ravine. *Comp.*

—— *tomentosa*. Very common about Settle. *J. Tatham, sp.* Sandbeck, near Richmond (the variety scabriuscula.) *J. Ward, mss.*

—— *villosa*. Everywhere about Settle. *J. Tatham, sp.* Leeds. *H. Denny, mss.*

—— *micrantha*. Leeds. *H. Denny, mss.*

—— *dumetorum*. Between Settle Bridge and Stackhouse, in the hedge. *J. Tatham, sp.*

—— *sarmentacea*. The commonest rose we have. *J. Tatham, sp.*

—— *Forsteri*. Road-side between Settle and Giggleswick. *J. Tatham, sp.*

PYRUS *Aria*. Malham Cove. *J. Ward, mss.*

ŒNOTHERA *biennis*. (Ought to be expunged from the Yorkshire list. *Mr. Leyland.* — Page 281.)

CIRCÆA *alpina*. Leeds. *H. Denny, mss.*

MYRIOPHYLLUM *verticillatum*. Near Langton, ten miles from Richmond. *J. E. Leefe, mss.*

BRYONIA *dioica*. Near Halnaby Hall. *J. Ward, mss.*

SEDUM *villosum*. Near Cowside, about three miles north of Settle. *J. Tatham, sp.* (Read "Longpreston." — Page 282.)

RHODIOLA *rosea*. Ingleborough, 1833. *J. E. Leefe, mss.*

COTYLEDON *Umbilicus*. Wall near East Witton. (Miss E. Otter.) *J. E. Leefe, mss.*

RIBES *alpinum*. Stainforth Wood, near Settle. *J. Tatnam, sp.* Clink Bank, Richmond. *J. Ward, mss.* In a springy piece of ground near Rievaulx Abbey. *Comp.*

—— *petræum*. Rocks above Gordale Scar; in a field called Brakery Brow, about two miles from Settle. *J. Tatham, mss.* Not far from Egglestone Bridge. *Comp.*

—— *spicatum*. Near Richmond. *J. Ward, sp.*

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SAXIFRAGA *umbrosa*. Hesletine Gill, near Settle, "truly wild." *J. Tatham, sp.*

—— *aizoides*. By the brook at the foot of Ingleborough, in Chapel-le-Dale. *J. E. Leefe, mss.*

—— *hirta*. Leeds. *H. Denny, mss.*

CHRYSOSPLENIUM *alternifolium*. Common about Settle. *J. Tatham, mss.*

APIUM *graveolens*. Marshy ground near Marske Church. *J. E. Leefe, mss.*

PIMPINELLA *magna*. In the Park at Nunmonckton. *J. E. Leefe, mss.*

SIUM *latifolium*. Leeds. *H. Denny, mss.*

SILAUS *pratensis*. Field between Killerby and Kirby. *J. E. Leefe, mss.*

MYRRHIS *odorata*. Rose-tree Bank Wood, near Settle; certainly wild and abundant about Settle. *J. Tatham, mss.* Abundant in Yorkshire, certainly wild. *J. Ward, mss.* By the Swale under Whitcliffe Scars near Richmond. *J. E. Leefe, mss.*

PEUCEDANUM *Ostruthium*. Near Thoralby. *J. Ward, mss.*

ERYNGIUM *campestre*. (Melling is within Lancashire. *Mr. Tatham.* The station of a plant near Melling might still be within Yorkshire, but the word "below" would seem to direct to Lancashire, if Melling near Hornby is the place intended; yet Hudson says "Melling in Yorkshire.")

GALIUM *pusillum*. On most of the limestone rocks about Settle. *J. Tatham, sp.*

——— *boreale*. Gordale rocks, near Settle. *J. Tatham, mss.* Kilnsay Crag. *J. Ward, mss.* Under the Abbey Bridge, near Egglestone. *J. E. Leefe, mss.*

FEDIA *eriocarpa*. Marrick Park, near Richmond. *J. Ward, sp.*

HIERACIUM *pulmonarium*. Near West Burton, Bishop-dale. *J. Ward, sp.*

———— *sylvaticum*. Stackhouse Borriens, near Settle. *J. Tatham, sp.*

———— *denticulatum*. (This should have been H. subaudum, in the Richmond catalogue. *Mr. Ward.* — Page 285.)

CNICUS *heterophyllus*. In all moist meadows above Settle. *J. Tatham, sp.*

SENECIO *saracenicus*. Erroneously stated, in English Flora, to be found near Halifax. *Mr. Leyland.* (Turner and Dillwyn appear to have miscopied the stations, in their Yorkshire list, combining into one place the supposed station "near Halifax" and also the "fields about Salkeld," the latter really meaning Salkeld in Cumberland. Mr. Tatham confirms the Settle station, in a catalogue of plants found about that town. — Page 286.)

CAMPANULA *latifolia*. On the margin of the brook below Giggleswick, near Settle, and in various other places near. *J. Tatham, mss.* In a little bank of wood, rising from the Ure, near a gravel pit, on the left of the road from Topcliffe to Lakeby Car. *Comp.*

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CAMPANULA *glomerata*. Gallow Field, Richmond. *J. Ward, sp.*

——— *hederacea*. Top of Cob Clough, a quarter of a mile above Ripponden Church, in profusion, our only locality near Halifax. *R. Leyland, mss.*

VACCINIUM *uliginosum*. (Not found near Leeds. V. Myrtillus common in this part of the county. *Mr. Leyland.* — Page 286.)

——— *Oxycoccos*. (Not on the red marl. *Mr. Ward.* — Page 287.)

ARBUTUS *Uva-Ursi*. (Is no longer found near Heptonstall, one of the medical gentlemen of that neighbourhood having made root-and-branch work of it. *Mr. Leyland.* — Page 287.)

PYROLA *rotundifolia*. Near Halnaby, on the Yorkshire side of the river, in (or near?) a strip of boggy ground, mostly covered with brushwood, on the left hand of the road from Croft; in Castle Eden Dean, chiefly in the northern branch. *Comp.*

MONOTROPA *Hypopitys*. In the woods about Tadcaster, where it was gathered with Epipactis ensifolia and Ornithogalum nutans, within a few yards of one another * * *? *mss.* (Everton, in Nottinghamshire, may be the place intended by Turner and Dillwyn. *Mr. Tatham.* Everton being near the borders of Yorkshire, it may be intended that the "wood" is within this county. — Page 287.)

GENTIANA *Pneumonanthe*. The specimens, sent to Mr. Macnab, were not collected on Tilmire by myself; it is, however, plentiful in that situation, and in many other places near York. *R. Leyland, mss.* Limestone tract near Leeds. *H. Denny, mss.*

CHLORA *perfoliata*. Near Sheffield. *B. G.*

POLEMONIUM *cæruleum*. Rocks above Kidstones Bank, near Kettlewell; Marrick Park, near Richmond. *J. Ward, sp.* Malham Cove. *Ch. Babington, sp.* On the open pasture near the summit of the hill between Malham Cove and Settle. *J. Tatham, sp.*

ANCHUSA *sempervirens*. No doubt indigenous in the neighbourhood of Settle, and very common. *J. Tatham, mss.*

MYOSOTIS *sylvatica*. Clink Bank Wood, Richmond. *J. E. Leefe, mss.* One of our commonest plants. *J. Ward, mss.*

——— *cæspitosa*. Pond near Nunmonckton. *J. E. Leefe, mss.*

ATROPA *Belladonna*. Near Burton in Bishop-dale. *J. Ward, sp.* In a field called the Hall Pasture, near Kirby Fleetham. *J. E. Leefe, mss.*

SOLANUM *nigrum*. Leeds. *H. Denny, mss.*

RHINANTHUS *major*. Hudswell Moor, near Richmond. *J. Ward, mss.* At Stockton, a village four miles from York, and many other parts of the county. *Eng. Bot. Supp.* The habitat near Thirsk is a corn field near Sutton, under Whistone Cliffe. *J. E. Leefe, mss.*

LYCOPUS *europæus*. Nunmonckton Lane. *J. E. Leefe, mss.*

MENTHA *rotundifolia*. Bank of the Ribble, near Settle. *J. Tatham, sp*

——— *piperita*. In the lane between Giggleswick and Beggarwife Bridge. *J. Tatham, sp.*

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MENTHA *viridis*. On the Willow Island, below Settle. *J. Tatham, sp.*

——— ——— (crispa). In the lane between Settle and Cammock. *J. Tatham, sp.*

——— *rubra*. Banks of the Ribble, on the Willow Island, below Settle. *J. Tatham, sp.* (Read "Brayshaw Island."—Page 289.)

——— *gentilis*. In the lane between Giggleswick and Begarwife Bridge. *J. Tatham, sp.*

GALEOPSIS *villosa*. It is now twenty years since I found a good patch of this growing on Beacon Hill, near this town. It had, I suppose, been introduced with corn, as it gradually dwindled away, and has long since disappeared. *R. Leyland, mss.*

OROBANCHE *rubra*. (Mr. Ward intimates that his Orobanche is referrible to the present species. In this case, the figure in *English Botany* is a wonderful *un*likeness of the plant intended to have been represented. — Page 290.)

LATHRÆA *squamaria*. Love Lane Wood, Richmond; Rokeby, near Greta Bridge. *J. E. Leefe, mss.*

PRIMULA *elatior*. Winskill Wood, near Settle. *J. Tatham, mss.*

——— *farinosa*. Hills north-east of Settle; and in all our moist pastures on the limestone. *J. Tatham, sp.* Malham Cove. *Ch. Babington, sp.* Near (below?) the locality of the Cypripedium, near Helmsley; frequent about the Tees, near Egglestone Bridge. *Comp.*

TRIENTALIS *europæa*. This is not found in woods near Halifax, but on the top of Swill Hill, 1300 feet of elevation, four miles from Halifax, on the road to Keighley, and where, I believe, it has attained its southern limit in Great Britain. *R. Leyland, mss.* A station for it is mentioned in No. 10. of the Companion to the Botanical Magazine, but the description is not clear; probably, on the west of the road from Carleton Bank, in the Black Hambledon Hills, to Helmsley.

HOTTONIA *palustris*. Ditch in the Foss, near York; also near Langton, ten miles from Richmond. *J. E. Leefe, mss.*

LYSIMACHIA *thyrsiflora*. Lakeby Car is the habitat near Thirsk. *J. E. Leefe, mss.* In a ditch at the lowest part of a moist meadow, by the road from Topcliffe to Lakeby Car, near to the latter; also sparingly in a little pond near the entrance of the Car, and more plentiful in a ditch, which crosses the bog, near where, at the southern extremity, it curves a little to the west; and on the margin of the bog; also at Gormire Pool, between Helmesley and Thirsk. *Comp.*

PLANTAGO *maritima*. Car End, Wensleydale. *J. Ward, mss.*

CHENOPODIUM *maritimum*. Salt marshes at the Tees-mouth. *J. E. Leefe, mss.*

ATRIPLEX *littoralis*. North sands, Scarborough. *A. Bloxam, mss.*

RUMEX *aquaticus*. Thornton Bridge, near Lakeby Car. *Comp.*

ASARUM *europæum*. Plentiful in Broadbottom Wood, near Mytholmroyd, the only situation in which we find it, with the exception of a small quantity in Harper-royd Clough, and I

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have some doubt of its being truly indigenous in either situation. *R. Leyland, mss.*

EUPHORBIA *Cyparissias.* Leeds. *H. Denny, mss.*

EMPETRUM *nigrum.* Abundant on the hills south-east of Settle. *J. Tatham, sp.*

QUERCUS *sessiliflora.* Leeds. *H. Denny, mss.*

SALIX *pentandra.* Brook at Beggarwife Bridge, near Settle. *J. Tatham, sp.*

——— *Croweana.* Near Applegarth. *J. Ward, mss.*

——— *tenuifolia.* Applegarth, Richmond. *J. Ward, mss.*

SAGITTARIA *sagittifolia.* The Northallerton habitat is Wiske, near Yafforth. *J. E. Leefe, mss.*

ORCHIS *ustulata.* Aysgarth Force, Wensleydale. *J. Ward, mss.*

HERMINIUM *Monorchis.* (Mr. Winch intimates that he has a Yorkshire specimen, received from Mr. Bicheno. — Page 293.)

OPHRYS *apifera.* Aysgarth Force; Burton in Bishopdale. *J. Ward, mss.* On the terrace above Rievaulx Abbey, where the plants are carefully preserved. *Comp.*

——— *muscifera.* Near West Burton, Bishopdale. *J. Ward, sp.* In the locality for the Cypripedium, near Helmesley; and other places. *Comp.*

LISTERA *cordata.* Ryeloaf Hill, above Settle. *J. Tatham, sp.*

EPIPACTIS *ensifolia.* Woods near Rievaulx Abbey. *Comp.* (Helk's Wood is near Ingleton, being eleven miles from Settle, and one mile from Ingleton. *Mr. Tatham.* — Page 293.)

——— *rubra?* Abundant on loose stones below Giggleswick Scar; also in Stackhouse Borriens; flowering about six weeks before E. latifolia, and being called "Redshanks," by the farmers and others. *J. Tatham, sp.*

CYPRIPEDIUM *Calceolus.* Is still found in the woods about Kilnsay, Kettlewell, and Arncliffe, but is very scarce. The country people sell it at 2*s.* 6*d.* a root. I saw it at Arncliffe two years since, and some found last year (1835). *J. Tatham, mss.* On a limestone bank, near the head of the western branch of the little valley which penetrates the hills just behind Helmesley; but all the roots had been dug up by a gardener, when the locality was visited by Mr. Woods, in 1835. *Comp.*

CROCUS *nudiflorus.* In many fields near Halifax, naturalised, and not distinct from C. speciosus. *R. Leyland, mss.*

NARCISSUS *biflorus.* Found in few situations about Halifax, but merely as the outcast of gardens, soon becoming naturalised in a light soil, and is then not very easily eradicated. *R. Leyland, mss.*

GALANTHUS *nivalis.* Billy Bank Wood, Richmond. *J. E. Leefe, mss.* Leeds. *H. Denny, mss.* Near Thoralby, Wensleydale. *J. Ward, mss.*

GAGEA *lutea.* St. Martin's, Richmond. *J. Ward, sp.* Near Kirby Hall. (Mr. Favell.) *J. E. Leefe, mss.*

ALLIUM *oleracum.* On Castleberg, a high rock rising immediately above Settle. *J. Tatham, sp.*

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ALLIUM *arenarium*. Lodge Gill, near Settle. *J. Tatham, sp.*

CONVALLARIA *Polygonatum*. In great abundance, in a rocky meadow between Feizor and Settle. *J. Tatham, sp.*

COLCHICUM *autumnale*. Near Nunmonckton. *J. E. Leefe, mss.*

TYPHA *angustifolia*. Seamer, (not Leamer) Mere, Scarborough, the plant intended under the name of T. minor. *H. Bloxam, mss.* (See page 295, where T. minor is to be erased.)

POTAMOGETON *lanceolatus*? Gormire Pool, between Helmesley and Thirsk. *Comp.* (Mr. Ward's specimen should be named P. heterophyllus. — Page 295.)

LEMNA *polyrhiza*. Fish-pond in the Park at Nunmonckton. *J. E. Leefe, mss.*

ELEOCHARIS *acicularis*. (Giggleswick Tarn has long been drained, and is now pasture land. *Mr. Leyland.* — Page 296.)

——— *pauciflora*. Frequent about the Tees, near Cotherstone, &c. *Comp.*

RHYNCOSPORA *alba*. (Not on the red marl. *Mr. Ward.* — Page 296.)

BLYSMUS *compressus*. In a springy piece of ground near Rievaulx Abbey; frequent about the Tees, near Egglestone Bridge. *Comp.*

ERIOPHORUM *pubescens*. Near (below?) the locality of the Cypripedium, near Helmesley. *Comp.*

——— *gracile*? Near Halnaby, in a little pool near the Pyrola rotundifolia. *Comp.*

ELYNA *caricina*. (Read "*R. B. Bowman.*" — Page 296.)

CAREX *intermedia*. Leeds. *H. Denny, mss.*

——— *extensa*. (To be expunged from the Yorkshire list, unless a native of the coast. *Mr. Leyland.* — Page 297.)

——— *tomentosa*. (Should be expunged from the Yorkshire list. *Mr. Leyland.* — Page 297.)

——— *lævigata*. Leeds. *H. Denny, mss.*

——— *filiformis*. Lakeby Car. *Comp.*

PHLEUM *arenarium*. Sand-hills at Redcar. *J. E. Leefe, mss.*

CALAMAGROSTIS *lanceolata*. Lakeby Car. *Comp.*

AMMOPHILA *arundinacea*. Sand-hills at Redcar. *J. E. Leefe, mss.*

SESLERIA *cærulea*. Rocks at Aysgarth Force. *J. E. Leefe, mss.* On all the limestone hills above Settle. *J. Tatham, sp.*

MELICA *nutans*. Lord's Wood, above Settle. *J. Tatham, sp.* Round Howe, Richmond. *J. Ward, mss.*

POA *maritima*. Tees Mouth. *J. E. Leefe, mss.*

——— *procumbens*. On the north sands at Scarborough, where a small brook runs into the sea. *A. Bloxam, mss.*

——— *aquatica*. Leeds. *H. Denny, mss.*

FESTUCA *rubra*. Sand-hills at Redcar. *J. E. Leefe, mss.*

——— *bromoides*. Near Colburn Warth, Richmond. *J. Ward, mss.*

HORDEUM *pratense*. Near Redcar. *J. E. Leefe, mss.*

——— *maritimum*. Near Redcar. *J. E. Leefe, mss.*

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LOLIUM *temulentum*. Corn fields near Middleton Tyas. *J. Ward, mss.*

——— *arvense*. Corn fields near Richmond. *J. Ward, mss.*

XLVIII. LANCASHIRE.

"You may safely expunge from the list of Southport plants (page 303.) every species marked '?' and '†' and, perhaps, some others." *Mr. Leyland*. The Southport plants followed by the name of Mr. Churchill Babington, that gentleman received from Mr. B. H. Allen. A short list of localities was sent to me by Mr. Atkinson, extracted from the *Antiquities of Furness;* but I prefer not to introduce any more stations from non-botanical works, and the list is mainly the same as that given by Turner and Dillwyn, and already copied into my first volume. For a notice respecting some stations near Warrington, see p. 635.

CAKILE *maritima*. Southport. *Ch. Babington, sp.*

COCHLEARIA *officinalis*. Southport. *Ch. Babington, sp.*

CARDAMINE *impatiens*. (Certainly not common, if found at all in this county. *Mr. Leyland.* — Page 300.)

ŒNOTHERA *biennis*. It has escaped from gardens at Southport. *R. Leyland, mss.*

ERYNGIUM *campestre*. Below Melling, plentifully. *B. G.* (Placed in the Yorkshire list by Turner and Dillwyn, as alluded to on page 654.)

SAUSSUREA *alpina*. (Brearcliffe is a most unlikely situation for such a plant, being merely a long and moderate declivity from the confines of Yorkshire to the verge of the township of Burnley, and mostly under cultivation. It was diligently sought by an old man well acquainted with plants, but without success. *Mr. Leyland.* — Page 301.)

CONYZA *squarrosa*. Near Silverdale. *J. E. Leefe, mss.*

VACCINIUM *Oxycoccos*. Southport. *Ch. Babington, sp.*

ARBUTUS *Uva-Ursi*. (To be expunged from the Lancashire list, as far as regards "the great stone by the river Gorlp, near Widdop," — Ray's original Lancashire locality. There is no such river as Gorlp, nor is the plant now to be found in Widdop. *Mr. Leyland.* — Page 301.)

GENTIANA *Pneumonanthe*. Southport. *Ch. Babington, sp.*

CHLORA *perfoliata*. Southport. *Ch. Babington, sp.*

ERYTHRÆA *littoralis*. Southport. *Ch. Babington, sp.*

BARTSIA *viscosa*. Southport. *Ch. Babington, sp.*

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UTRICULARIA *intermedia*. (Probably this should be U. minor; as I am informed by Mr. T. G. Rylands, that only the latter species is found on Woolston Moss, by Mr. W. Wilson. — Page 302.)

STATICE *Armeria*. Southport. *Ch. Babington, sp.*

CHENOPODIUM *maritimum*. Southport. *Ch. Babington, sp.*

SALSOLA *Kali*. Southport. *Ch. Babington, sp.*

CROCUS *speciosus*. In a meadow near Paddington, a village near Warrington. *T. J. Rylands, mss.*

AMMOPHILA *arundinacea*. Southport. *Ch. Babington, sp.*

XLIX. WESTMORELAND.

THALICTRUM *alpinum*. On Helvellyn, in descending towards Grisedale. *Comp.*

CORYDALIS *claviculata*. Hallen Fell, Ulswater. *J. E. Leefe, mss.*

COCHLEARIA *officinalis*. Hallen Fell. *J. E. Leefe, mss.*

TEESDALIA *nudicaulis*. Hallen Fell. *J. E. Leefe, mss.*

SILENE *acaulis*. On Helvellyn, descending towards Grisedale. *Comp.*

ARENARIA *verna*. On some craggy ground about half-way between Birkdale and Dufson. *Comp.* (Is Dufson a misprint for Dufton?)

CERASTIUM *alpinum*. Striden Edge, Helvellyn. *Comp.*

GERANIUM *phæum*. In a lane at the corner of a field near Kirkby Lonsdale, scarcely wild. *J. E. Leefe, mss.*

RUBUS *Chamæmorus*. In several places on the moors between Birkdale and Appleby. *Comp.*

ALCHEMILLA *alpina*. Barton Fell, Ulswater. *J. E. Leefe, mss.* About the water-falls in Longsleddale, not far from Buckbarrow Well. *Winch, add.*

EPILOBIUM *alsinifolium*. Abundant about the head of Kentmer, and of Long Heddale. *Comp.* (Heddale is perhaps a misprint for Sleddale.)

RHODIOLA *rosea*. Striden Edge, Helvellyn. *Comp.*

RIBES *petræum*. Between Appleby and Dufton, on the road-side, and in a bog near a water-mill. (Rev. E. A. Holmes.) *C. C. Babington, mss.*

SAXIFRAGA *aizoides*. Over Kirkston. *B. G.*

——— *hypnoides*. On some craggy ground half-way between Birkdale and Dufson. *Comp.* Barton Fell. *J. E. Leefe, mss.*

——— (platypetala). Striden Edge, Helvellyn. *Comp.* (I have a specimen, from Mr. Bowman, possibly referrible to S. platypetala, ticketed "near Birkdale." *H. W.*)

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GALIUM *boreale*. Margin of Ulswater. *J. E. Leefe, mss.*
HIERACIUM *paludosum*. (Put a semicolon after "lakes." — Page 307.)
GENTIANA *Pneumonanthe*. (Put a semicolon after "Milburn." — Page 307.)—
OXYRIA *reniformis*. Striden Edge, Helvellyn. *Comp.*
ALLIUM *oleraceum*. In an island called House Holm, near the head of Ulswater. *J. E. Leefe, mss.*

L. CUMBERLAND.

THE localities followed by "*Otley, Herb.*" were taken from Mr. Otley's Herbarium, in 1833, but were overlooked at the time of writing the Cumberland list in my former volume. Those copied from the Companion to the Botanical Magazine, are mentioned in Mr. Joseph Woods' Notes of a Tour in the North of England, in 1835.

LEPIDIUM *Smithii*. Crow Park, Keswick. *Otley, Herb.*
DRABA *incana*. With Epilobium alsinifolium, on the rocks of Cross Fell. *Comp.*
BRASSICA *monensis*. Flimsby. *Otley, Herb.*
HYPERICUM *Androsæmum*. Barrow Cascade. *Otley, Herb.*
——— *elodes*. Ditch by Ullock Moss, near Keswick. *Otley, Herb.*
GERANIUM *sanguineum*. Between Flimsby and Maryport, on a rabbit warren. *Comp.* (G. striatum is said to have been found between Flimsby and Workington, "opposite the first gate after the road has turned from the valley of the Derwent to follow the coast towards Maryport;" but as I draw an entirely different inference than Mr. Woods does, from the circumstances reported by him, this plant is here rejected. See Companion to the Botanical Magazine, vol. i. p. 296.)
ROSA *villosa*. Occasionally near Kirkland, "in the form of R. mollis of English Botany." *Comp.*
—— *gracilis*. About four and a half miles from Keswick. *Comp.* (Mr. Winch has it three and a half miles from Keswick. — See page 313.)
—— *cinnamomea*. Two or three bushes in a hedge dividing two meadows in the flat ground on the border of the Derwent [river?]. *Comp.* (I think Mr. Otley showed me a specimen gathered near Keswick, possibly in the same place. *H. W.*)
—— *spinosissima*. (Read "Wallow Crags, not "Walton Cross."— Page 313.)

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EPILOBIUM *alsinifolium*. On Cross Fell, in small quantity on some limestone rocks at the head of the little gill which separates Cross Fell from Dun Fell, and Cumberland from Westmoreland. *Comp.*

SEDUM *villosum*. About Blencarn. *Comp.*

RHODIOLA *rosea*. With Epilobium alsinifolium on Cross Fell. *Comp.*

SAXIFRAGA *stellaris*. Cross Fell; Patterdale; Swarth Fell; Place Fell; Kirkstone; Ashness Gill; Styehead, between Borrodale and Wasdale; Mell Fell; Alston Moor. *Contr.*

——— *oppositifolia*. In several places in Wasdale Screes. *Comp.*

——— *hypnoides*. Ravine of Wasdale Screes. *Comp.*

MEUM *athamanticum*. Gathered in the meadows behind the Vicarage, Keswick, by Mr. Otley. *Comp.*

GALIUM *pusillum*. With Epilobium alsinifolium, on Cross Fell. *Comp.*

SENECIO *saracenicus*. By the Greta, below Keswick. *Otley, Herb.*

ERYTHÆA *latifolia*. Ravenglass. *Comp.*

PYROLA *media*. Near Keswick, at the upper part of the woods, but below the precipitous part of Wallow Crag. *Comp.*

——— *secunda*. Near Keswick, at the upper part of the woods, but below the precipitous part of Wallow Crag; Fisher Place Gill, on the ascent to Helvellyn, from Keswick. *Comp.* (The latter is probably the locality mentioned on page 316.)

LITHOSPERMUM *maritimum*. Near Flimsby, on the outside of a little patch of cultivated land between the road and sea. *Comp.*

MYOSOTIS *cæspitosa*. "Is the common Scorpion Grass about Kirkland." *Comp.*

SCUTELLARIA *minor*. (Erase "*sp.*" — Page 316.)

PRIMULA *farinosa*. Kirkland, in wettish ground, frequent; near Aspatria, where a white variety is also found; common in mountainous pastures. *Contr.* It is scarce or wanting on the hills round Keswick. *H. W.*

CENTUNCULUS *minimus*. Ravenglass. *Comp.*

STATICE *Armeria*. On rocks near the upper end of the Vale of Newlands, and between that vale and Borrodale. *H. W. sp.*

EUPHORBIA *Paralias*. Flimby. *Otley, Herb.*

LISTERA *cordata*. By Fisher Place Gill, above the station of Pyrola secunda. *Comp.*

JUNCUS *triglumis*. By Fisher Place Gill, above the station of Pyrola secunda. *Comp.*

RHYNCOSPORA *alba*. Ullock Moss. *Otley, Herb.*

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LI. DURHAM.

TROLLIUS *europæus*. Castle Eden Dean. *Comp.*

LEPIDIUM *Smithii*. Near Swalwall and Ryton; sides of the railway about half a mile above Ryton. *N. D. Add.*

TURRITIS *glabra*. Near Starley Bourn. *N. D. Add.*

SINAPIS *tenuifolia*. Near Gateshead. (Miss Clarkson.) *J. E. Leefe, mss.*

HYPERICUM *dubium*. Between Prudhoe and Crawcrook. *N. D. Add.*

RUBUS *suberectus*. Hedges near Bensham. *N. D. Add.*

——— *Chamæmorus*. Hudcope-head. *Comp.*

SANGUISORBA *officinalis*. In meadows by the Tees, between Middleton and Winch Bridge. *Comp.*

ROSA *spinosissima*. Shore near South Shields. *R. B. Bowman, sp.*

—— *cæsia*. Northumberland and Durham. *Br. Fl.*

—— *scabriuscula*. Castle Eden Dean. *N. D. Add.*

—— *involuta*. (For "country" read "county." — Page 324.)

BRYONIA *dioica*. Near Hartlepool and Dinsdale. *N. D. Add.*

SEDUM *villosum*. Maze-beck, near Cauldron Snout, Teesdale. (Rev. E. A. Holmes.) *C. C. Babington, mss.* In plenty a little above West Briscoe, near Cotherstone. *Comp.*

RIBES *petræum*. Howns Wood. *N. D. Add.*

—— *nigrum*. Howns Wood. *N. D. Add.*

CHRYSOSPLENIUM *alternifolium*. Cawsey Dean. *R. B. Bowman, sp.* Plentiful about Croft. *Comp.*

MYRRHIS *odorata*. Banks of the Tees, near Egglestone Abbey. *Comp.*

VISCUM *album*. Woods at Bradley, originally from gardens. *N. D. Add.*

FEDIA *dentata*. Corn fields near Stockton; near Whitburn; between Prudhoe and Crawcrook. *N. D. Add.*

HIERACIUM *Lawsoni*. Falcon Clint Scars. *N. D. Add.*

——— *cerinthoides*. A single plant found on the bank of the Tees, near Middleton. *Comp.*

CNICUS *heterophyllus*. In the glen of the Greta. *Comp.*

CAMPANULA *glomerata*. Near Middleton-one-row. (Miss Hancock.) *R. B. Bowman, sp.*

VACCINIUM *Vitis-Idæa*. On rocks at Cauldron Snout. *N. D. Add.*

ATROPA *Belladonna*. Near Low Team. *N. D. Add.*

RHINANTHUS *major*. It is mentioned in English Botany, that Stockton in Yorkshire was intended; if so, the words "other parts of the county" will also apply to Yorkshire. — Page 329.

VERONICA *Buxbaumii*. On rubbish behind the Nursery Grounds, at the head of Gateshead, and on the Windmill Hills. *N. D. Add.*

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GALEOPSIS *villosa*. Near Stephen's Hall, between Crawcrook and Winlaton. *N. D. Add.*

CALAMINTHA *Nepeta*. On old ballast hills at Friar's Goose, below Gateshead. *N. D. Add.*

PRIMULA *farinosa*. In a bog near Hilton Castle. *R. B. Bowman, sp.*

STATICE *Armeria*. Coast. *R. B. Bowman, sp.*

POLYGONUM *viviparum*. Cauldron Snout. (Rev. E. A. Holmes.) *C. C. Babington, mss.* Abundant in the meadows between Middleton and Winch Bridge. *Comp.*

RUMEX *aquaticus?* Barnardcastle, and other parts of Teesdale. *Comp.* (Mr. Woods appears to have been scarcely certain of this species; but it is adopted by Winch, without any mark of doubt, in his *Addenda* to the Flora of Northumberland and Durham, with a proof of which I am kindly supplied by its author, to complete this Supplement.)

SALIX *pentandra*. In hedges at the foot of the hill between the Tyne and Wickham. *N. D. Add.*

——— *ambigua*. On barren moors. *N. D. Add.* "Probably a starved variety of Salix aquatica."

——— *tenuifolia*. Limestone rocks by the Tees, near Egglestone Abbey. *Comp.* "Or, perhaps, rather S. Weigeliana, if the species be indeed different."

ORCHIS *ustulata*. About Dinsdale and Middleton-one-row. *N. D. Add.*

NAEBENARIA *albida*. Widdy Bank, and on the basaltic rocks at Winch Bridge. *Comp.*

OPHRYS *apifera*. About Byers Quarry, near Whitburn, and in the vicinity. *N. D. Add.* (Add "*N. D.*" after "Baydales."—Page 333.)

SCILLA *verna*. Naturalised in the old avenue at Butterby Hall; not at Burn Hall. *N. D. Add.*

ALLIUM *arenarium*. Hesseldon Dean, Durham. (Rev. E. A. Holmes.) *C. C. Babington, mss.*

TOFIELDIA *palustris*. On Teesdale Forest, near the Weal, and the Cauldron Snout. *N. D. Add.*

JUNCUS *obtusiflorus*. Hell Kettles, near Croft, 1832. *J. E. Leefe, mss.*

BLYSMUS *compressus*. Banks of the river, near Middleton-in-Teesdale. *R. B. Bowman, sp.* Banks of the Tees near Barnardcastle. *N. D. Add.*

CAREX *fulva*. Castle Eden Dean, in springy ground towards the sea shore. *Comp.*

FESTUCA *rubra*. In the sand on the sea shore below Castle Eden Dean. *Comp.*

ELYMUS *europæus*. Banks of the Tees near Egglestone Abbey *Comp.*

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LII. NORTHUMBERLAND.

Mr. Winch is printing several pages of Addenda to the Flora of Northumberland and Durham, and has favoured me with copies of the proofs, which are below referred to as "*N. D. Add.*"

Trollius *europæus*. Henhole, Cheviot. *N. D. Add.*
Papaver *somniferum*. Stray specimens about Alnwick, where it was formerly cultivated. *N. D. Add.*
Corydalis *lutea*. On a wall at Dunstan Steads. *N. D. Add.*
——— *claviculata*. On rocks near Redpath; near New Berwick. *N. D. Add.*
Lepidium *Smithii*. Near Bamborough. *N. D. Add.*
Cochlearia *officinalis*. Henhole, Cheviot. *N. D. Add.*
Iberis *amara*. Bed of the Tweed, above Coldstream. *N. D. Add.*
Cardamine *amara*. On the banks of Fallowlees Bourn, near Wallington. *N. D. Add.*
Reseda *lutea*. Near Bamborough; on the banks of Tyne, between Newburn and Wylam. *N. D. Add.*
Viola *lutea*. Near Great Bavington; near Alnwick. *N. D. Add.*
Dianthus *deltoides*. On Nenthorn Hill. *N. D. Add.*
Silene *noctiflora*. In fields near Hartley and Preston. *N. D. Add.*
Stellaria *nemorum*. By the side of the Tweed, to the west of Wark, and on an island between Cornhill and Lees. *N. D. Add.*
Cerastium *tetrandrum*. Near Craster. *N. D. Add.*
Tilia *grandifolia*. In woods at Belford. *N. D. Add.*
Hypericum *calycinum*. Naturalised near Cornhill. *N. D. Add.*
Geranium *sanguineum*. On the sea banks near Embleton. *N. D. Add.*
Vicia *lathyroides*. On Ratcheugh Crag, near Alnwick. *N. D. Add.*
Astragalus *glycyphyllus*. On the sea banks near Banborough; in a wood near Earl, in the vicinity of Wooler; on the banks of Wooler Water, above Coldgate Mill. *N. D. Add.*
——— *hypoglottis*. On Alemouth Links. *N. D. Add.*
Prunus *Padus*. Hulne Woods, near Alnwick. *N. D. Add.*
Spiræa *salicifolia*. Woods near Alnwick. *N. D. Add.*
Fragaria *calycina*. This is the wood strawberry in a luxuriant state. *N. D. Add.*
Rosa *spinosissima*. Sea banks near Alemouth. *N. D. Add.*
—— *tomentosa*. Near Alnwick, and Spindlestone. *N. D. Add.*
—— *Borreri*. At the base of Yevering Bell, one of the Cheviots. *N. D. Add.*
—— *villosa*. Near Newcastle. *N. J. Winch, sp.*
—— *Sabini*. ("*Rosa Sabini* and *gracilis*, from Heaton Dene, are one

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and the same, the Ouse Bourn being the rivulet running through Heaton Dene: *gracilis* is the oldest and best name. The figure in the Supplement to English Botany was taken from the plant sent by me; but cultivated in the garden of the Horticultural Society." *Mr. Winch.* — Page 342.)

PYRUS *Aria*. Hulne Woods, near Alnwick. *N. D. Add.*

——— *torminalis*. Hulne Woods, no doubt planted. *N. D. Add.*

EPILOBIUM *alpinum*. On the sides of College Water, Henhole, Cheviot. *N. D. Add.* (Mr. Winch intimates that he has not seen any specimen from this locality, but has gathered E. alsinifolium on Cheviot.)

RHODIOLA *rosea*. Henhole, Cheviot. *N. D. Add.*

RIBES *petræum*. In Hulne and Rugley Woods. *N. D. Add.*

——— *alpinum*. Woods at Wallington. *N. D. Add.*

SAXIFRAGA *stellaris*. By the sides of streams at Hethpool, Linhope, and Alnham Moor. *N. D. Add.*

——— *hypnoides*. On Dunsdale and Henhole Hopes, among the Cheviots. *N. D. Add.*

CHRYSOSPLENIUM *alternifolium*. In Rugley Woods, near Alnwick; near the mineral well at Cornhill. *N. D. Add.*

CICUTA *virosa*. In a bog at Learmouth, near Cornhill. *N. D. Add.*

ŒNANTHE *pimpinelloides*. At the mouth of Warren Water. *N. D. Add.*

——— *peucedanifolia*. In the bog at Embleton, near Newton-by-the-Sea, and Swinhoe. *N. D. Add.*

——— *Phellandrium*. In a pond near Walker. *N. D. Add.*

VISCUM *album*. On an apple tree in a garden at Alnwick. *N. D. Add.* (Introduced by design?)

GALIUM *boreale*. On rocks by Tweed Mill, near Cornhill; near Coldstream and Anton's (?) Hill. *N. D. Add.*

HIERACIUM *umbellatum*. Near Shaftoe and Rothley Mill; on the Roman road near Walltown; Henhole, Cheviot. *N. D. Add.*

CNICUS *heterophyllus*. In the dean at Twizell House, near the mill-dam; in Rugley Dean. *N. D. Add.* (Possibly the E. pratensis of Mr. Dodd, in Turner and Dillwyn's Guide.)

ARTEMISIA *maritima*. On rocks at Embleton. *N. D. Add.*

SENECIO *viscosus*. On Alnwick Moor. *N. D. Add.*

CAMPANULA *glomerata*. Near Mylam. *R. B. Bowman, sp.* Hulne Woods. *N. D. Add.*

——— *Trachelium*. Hulne Woods. *N. D. Add.* (Hulne Woods are said to form part of the pleasure grounds of Alnwick Castle, and must be a doubtful locality for ornamental plants.)

PYROLA *rotundifolia*. Learmouth and Newham Bogs. *N. D. Add.*

——— *media*. Rugley Wood. *N. D. Add.*

——— *minor*. Rugley Wood. *N. D. Add.*

ERYTHRÆA *latifolia*. On the sea shore near Hartley Bates. *N. D. Add.*

POLEMONIUM *cæruleum*. By the sides of the Aln, frequent, probably the outcast of gardens. *N. D. Add.*

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MYOSOTIS *cæspitosa*. Ditches near Alnwick. *N. D. Add.*

——— *repens*. On bogs near Chillingham. *N. D. Add.* Not uncommon. *Mag. Nat. Hist.*

DATURA *Stramonium*. About Alnwick. *N. D. Add.*

VERONICA *Buxbaumii*. In neglected gardens in Heaton Dean. *N. D. Add.*

RHINANTHUS *major*. On the borders of Scotland, near West Newton, in Northumberland. *Eng. Bot. Supp.*

TEUCRIUM *Chamædrys*. On the walls of Hulne Abbey, near Alnwick. *N. D. Add.*

MENTHA *crispa*. By the side of Wooler Water, near Coldgate Mill, and about one mile and a half above Langley Ford, on the borders of a rivulet flowing down from Cheviot, and near its junction with the Wooler Water. *N. D. Add.*

GALEOPSIS *Ladanum*. Near Embleton. *N. D. Add.*

——— *versicolor*. Near Alnwick. *N. D. Add.*

STACHYS *ambigua*. Near Embleton; near Lipwood; corn fields near Gilsland. *N. D. Add.*

ACINOS *vulgaris*. Near Eglinham. *N. D. Add.*

PRIMULA *farinosa*. Near Nether Witton. *N. D. Add.*

TRIENTALIS *europæa*. Abundant in a moorish pasture above Twizell House; Rugley Dean; on high grounds near Ross Castle, Chillingham. *N. D. Add.*

CHENOPODIUM *urbicum*. By the turnpike road, three miles south of Alnwick. *N. D. Add.*

ASARUM *europæum*. Naturalised in the woods at Wallington. *N. D. Add.*

BETULA *nana*. In moss holes on Wooler Common. *N. D. Add.*

SALIX *pentandra*. At the foot of Yexering Bell; near the Routing Linn, in the vicinity of Doddington. *N. D. Add.*

—— *ambigua*. On barren moors. *N. D. Add.*

LISTERA *cordata*. On moors above Twizell House; near Ross Castle, Chillingham; Holy Island Links. *N. D. Add.* (The last is a station that would scarcely have been anticipated.)

NARCISSUS *biflorus*. In great abundance in a field, a mile east of Alnwick. *N. D. Add.*

CONVALLARIA *multiflora*. Near Stannington, in a dark wood. *R. B. Bowman, sp.*

ALLIUM *oleraceum*. On Ratcheugh Crag, a basaltic eminence near Alnwick. *N. D. Add.*

——— *Schœnophrasum*. On a basaltic rock a short distance north from Great Bavington village. *N. D. Add.*

SCILLA *verna*. Between Dunstanborough Castle and Craster, confined to a small place, but there abundant. *N. D. Add.*

LEMNA *trisulca*. Pools near Wolsington. *N. D. Add.*

ZOSTERA *marina*. On the shore at Newton by the Sea. *N. D. Add.*

SCHŒNUS *nigricans*. On Learmouth Bog. *N. D. Add.*

RHYNCOSPORA *alba*. On the Muckle Moss. *N. D. Add.*

ELEOCHARIS *pauciflora*. Near Embleton. *N. D. Add.*

——— *acicularis*. Near Alnwick. *N. D. Add.*

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CAREX *lævigata*. In the brushwood at the base of Yevering Bell. *N. D. Add.*

CALAMAGROSTIS *Epigejos*. In a moss near the Routing Linn, in the vicinity of Doddington. *N. D. Add.*

POA *procumbens*. Sea coast near Cullercoats; on the Fern Islands. *N. D.*

BROMUS *secalinus*. In a wheat field near Spittal. *N. D. Add.*

ELYMUS *arenarius*. On the sea shore at Embleton. *N. D. Add.*

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TABLE

SHEWING

THE NUMBER OF SPECIES IN EACH COUNTY LIST, INCLUDING THOSE OF THE SUPPLEMENT.

Cornwall	192	Radnorshire	0
Devon	319	Brecon	18
Somerset and Bath	386	Montgomeryshire	37
Dorset	143	Merionethshire	73
Wilts	94	Anglesea	225
Hants	206	Caernarvonshire	177
Sussex	397	Denbighshire	193
Kent and Tonbridge	415	Flintshire	56
Surrey	295	Cheshire	149
Middlesex	161	Derbyshire	191
Herts	55	Nottinghamshire	293
Essex	203	Lincolnshire	76
Suffolk and Bungay	312	Yorkshire	456
Norfolk and Yarmouth	405	Lancashire	127
Cambridgeshire, &c.	318	Westmoreland	66
Huntingdonshire	19	Cumberland	195
Bedfordshire	189	Durham	400
Buckinghamshire	78	Northumberland	368
Berkshire	96	Isle of Man	81
Oxfordshire	227	Wigtonshire	45
Northamptonshire	94	Kirkcudbrightshire	39
Rutlandshire	3	Dumfriesshire	34
Leicestershire	150	Ayrshire	53
Warwickshire	216	Renfrewshire	71
Gloucestershire and Bristol	225	Lanarkshire	141
Worcestershire	316	Peeblesshire	6
Staffordshire	75	Selkirkshire	3
Shropshire	157	Roxburgshire	39
Herefordshire	69	Berwickshire, &c.	187
Monmouthshire	90	Haddingtonshire	60
Glamorganshire	98	Edinburghshire	241
Caermanthenshire	11	Linlithgowshire	33
Pembrokeshire	36	Fife, &c.	144
Cardiganshire	21	Stirlingshire	66

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Dumbartonshire	95	Nairnshire	32
Argyleshire	139	Inverness-shire	114
Perthshire	203	Ross and Cromarty shires	124
Forfarshire	346	Sutherland	105
Kincardineshire	21	Caithness	14
Aberdeenshire	197	Orkney Isles	88
Banffshire	44	Shetland Isles	8
Elginshire	122		

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———, Flora of Northumberland and Durham, (*N. D.*) - 850
Woodforde, Catalogue of Plants in the neighbourhood of Edinburgh, (*Edin.*) - - - - 276

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AND

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	Robert Castle	7
	William Christy	69
	W. H. Coleman	102
	C. Conway	83
	George Cooper	24
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	Henry Denny	117
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	Robert Embleton	42
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	Joseph Hooker	147
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	Edwin Lees	296
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	Daniel Stock	109
	J. Tatham	52
	W. C. Trevelyan	68
	Walter Twynam	2
	James Ward	206
	H. C. Watson	1106
	James Wilson	3
	N. J. Winch	565
	G. S. Wintle	33
	S. P. Woodward	104
Dr.	R. C. Alexander	76
	J. H. Balfour	37
	Martin Barry	4
	W. A. Bromfield	170
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	John Gillies	44
	Robert Graham	34
	Godfrey Howitt	135
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	Gilbert Macnab	62
	A. Southby (Gapper)	131
Rev.	A. Bloxam	381

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E. Wood	65	Pringle	5
Sir W. J. Hooker	52	Worsley	118

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